



U.S. ARMY

Western Review

of Legislative & Regulatory Actions

Region 9



The U.S. Army Regional Environmental & Energy Office

May 2015

The **REGION 9 WESTERN REVIEW** publishes environmental and energy related developments for DoD/Army leaders and installation staff. Covering the four states and territories in Federal Region 9, the *Western Review* gives early notice of legislative and regulatory activities relevant to DoD interests. The *Review* also helps installations meet ISO 14001 environmental management system requirements. Find out more about the Army Regional Environmental and Energy Offices [here](#). Click [here](#) to browse back issues of the *Western Review*. To read back issues of other Regional Office *Reviews*, click on a region of the REEO website's U.S. map and then select "Publications." To receive a copy of this electronic publication, send an [email request](#).



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Planning Assistance for Energy Projects

Communities interested in intervening when a commercial energy project could interfere with military activities now can [apply for planning assistance](#) from DoD's [Office of Economic Adjustment](#) (OEA) to limit potential conflicts with installations, ranges, training routes or special use airspace.

Under a Federal Funding Opportunity announced by OEA ([80 FR 18219](#)) states, counties, municipalities, tribal nations, and public entities are eligible for assistance to ensure an energy project does not jeopardize DoD's test, training, and military operations. Examples of conflicts with military activity include low-level flight obstructions caused by wind turbines or solar power towers, electromagnetic interference from high-voltage electrical transmission lines, and glint and glare from photovoltaic arrays and solar power towers near military airfields.

Proposals should support effective collaboration, early engagement and dialogue between DoD and energy developers to ensure energy projects proceed without interfering with military operations.

OEA is accepting proposals on a continuing basis. Cost sharing is required, with a minimum of 10% of the proposal's total proposed funding to come from non-federal sources.

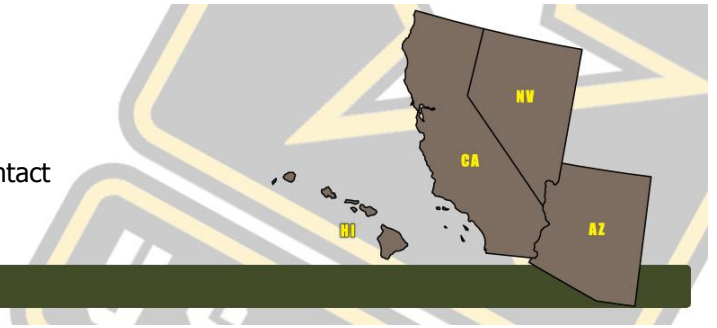
Applicants will need to demonstrate how a grant would support local planning and stimulate cooperation between state and local adjustment planning efforts. Grants can be used to accomplish a variety of objectives, including:

- analysis and dissemination of information;
- timely consultation and cooperation among DoD, developers and state and local governments;
- resolution of regulatory issues impeding the siting of compatible energy projects;
- cost-effective strategies and action plans;
- effective cooperation and involvement of the public and private sector; and
- a clearinghouse to exchange information among federal, state and local efforts.

For more information, contact [Cyrena Chiles Eitler](#) or your regional coordinator.

Region 9

For more information on any state issues in Region 9, contact [Mark Mahoney](#), Region 9 Environmental Coordinator (303) 844-0956.



AIR

PINAL COUNTY: MAJOR SOURCE The Pinal County Air Quality Control District [is proposing](#) to align its definition of a major source with federal rules published at Title 40 Code of Federal Regulation (CFR) Part 52.21(b)(1)(i)(c)) and Arizona Department of Environmental Quality (ADEQ) rule published at Title 18 Arizona Administrative Code (AAC) Chapter 2 Section 2-401 ([R18-2-401](#)). The rulemaking amends district rules [1-1-105](#) and [3-3-203](#). Comments were due 6 MAY 15. For more information, contact [Scott DiBiase](#) at (520) 866-6929.

LEGISLATIVE DEVELOPMENTS

The [2015 Arizona legislative session](#) began 12 JAN 15 and adjourned 2 APR 15.

<i>Arizona Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR / CLIMATE CHANGE				
HB 2657 <i>Representative Brenda Barton (R)</i> Proposes to address possible development of a state implementation plan regulating carbon dioxide emissions (CO ₂) from electric generating units.	✓			Failed upon adjournment
SB 1007 <i>Senator Judy M. Burges (R)</i> Proposes to establish a six-member joint legislative committee to review proposed state rules to reduce CO ₂ emissions in accordance with EPA's Green Power Plan.	✓	✓	✓	Enacted
ENERGY				
HB 2412 <i>Representative David Stevens (R)</i> Proposes to address renewable energy tax credits. Defines renewable energy tax credit and reduces the amount of credits available.	✓			Failed upon adjournment
HB 2666 <i>Representative Andrew Sherwood (D)</i> Proposes to address local programs to improve water and/or energy efficiency for real property.	✓			Failed upon adjournment
SB 1134 <i>Senator Steve Smith (R)</i> Proposes to define renewable energy sources.	✓			Failed upon adjournment

<i>Arizona Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
LAND USE				
NATURAL RESOURCES				
SB 1386 <i>Senator Steve Pierce (R)</i> Proposes to prohibit the import, transport, or release of federally listed threatened or endangered species.	✓			Failed upon adjournment
SCM 1009 <i>Senator Gail Griffin (R)</i> Proposes to request that the U.S. Congress exempt military bases and training facilities from regulations and restrictions of the Endangered Species Act.	✓	✓	✓	Enacted
OTHER				
HB 2274 <i>Representative Sonny Borrelli (R)</i> Proposes to modify the use of funds administered by the Department of Emergency and Military Affairs and the Adjutant General. Transfers the Emergency Response Commission to the Department of Environmental Quality and makes other changes.	✓	✓	✓	Enacted
HB 2465 <i>Representative Juan Mendez (D)</i> Proposes to prohibit the use or sale of neonicotinoid pesticides.	✓			Failed upon adjournment
HB 2575 <i>Representative Sonny Borrelli (R)</i> Proposes to modify the list of events that qualify for funding due to a declared disaster or emergency. Adds threats to the operation of a military installation to the list of events.	✓			Failed upon adjournment
HB 2581 <i>Representative Noel Campbell (R)</i> Proposes to establish a prescribed burn liability study committee. Establishes committee membership and responsibilities.	✓	✓		Failed upon adjournment
SB 1137 <i>Senator Martin J. Quezada (D)</i> Proposes to authorize the Governor to declare a disaster in the case of a threat to a military installation.	✓			Failed upon adjournment
WASTE				
SB 1241 <i>Senator Nancy K. Barto (R)</i> Proposes to prohibit local governments from prohibiting or charging fees for the use of "auxiliary containers" (i.e., reusable or disposable bags or containers). Prohibits a local government from requiring a building owner or operator to measure and report energy usage.	✓	✓	✓	Enacted
SB 1408 <i>Senator Steve Farley (D)</i> Proposes to establish an electronic equipment recovery program. Requires television or computer monitor manufacturers to provide a recycling or recovery program for such equipment.	✓			Failed upon adjournment
WATER				
HB 2263 <i>Representative Russell Bowers (R)</i> Proposes to address emergency groundwater transportation related to the Colorado River.	✓			Failed upon adjournment

<i>Arizona Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
HB 2393 <i>Representative Frank Pratt (R)</i> Proposes to modify the formulas used to determine the amount of water required to be replenished when groundwater is used in a designated area located in the southside protection zone.	✓	✓	✓	Enacted
HB 2510 <i>Representative Rusty Bowers (R)</i> Proposes to address transportation of groundwater in active management areas.	✓			Failed upon adjournment
HB 2661 <i>Representative Brenda Barton (R)</i> Proposes to address multi-county water conservation districts. Modifies tax levies.	✓	✓	✓	Enacted
HCR 2037 <i>Representative Brenda Barton (R)</i> Proposes to limit federal regulation of nonnavigable waters.	✓			Failed upon adjournment
SB 1059 <i>Senator Gail Griffin (R)</i> Proposes to address backflow prevention. Requires that installation, maintenance, repair, and replacement of a backflow prevention device that protects potable water from contamination be performed by a licensed contractor.	✓	✓		Failed upon adjournment
SB 1199 <i>Senator Gail Griffin (R)</i> Proposes to address the issuance of permits to withdraw poor quality groundwater.	✓			Failed upon adjournment



AIR

SUSTAINABLE FREIGHT STRATEGY The California Air Resources Board (CARB) [held a public meeting](#) to hear an update on freight activities, including a discussion document titled [Sustainable Freight: Pathways to Zero and Near-Zero Emissions, Discussion Draft](#). The discussion document describes CARB's vision and potential levers to achieve a more efficient, cleaner freight system. The freight transport system in California accounts for 45% of the state's emissions of ozone-forming oxides of nitrogen (NOx), 6% of the state's greenhouse gas (GHG) emissions, and 48% of the state's diesel particulate matter (PM) emissions. For more information, contact Sydney Vergis at (916) 322-1034 or [click here](#) to view CARB's Sustainable Freight Transport Initiative.

IMPERIAL COUNTY The Imperial County Air Pollution Control District [is proposing](#) revisions to [Rule 214](#) (Emission Reduction Credit Banking) and [Rule 215](#) (Community Bank and Priority Reserve). A [public hearing](#) to consider adoption of the proposed rule revisions was held 12 MAY 15. For more information, contact Monica Soucier at (442) 265-1800.

IMPERIAL COUNTY: PAVING UNPAVED PUBLIC ROADS The Imperial County Air Pollution Control District [is proposing](#) new Rule 214.2 (Paving Unpaved Public Roads Emission Reduction Credits (PERCs)). The new rule is intended to encourage paving of unpaved public roads throughout Imperial County. The proposed rule would provide for voluntary reductions of PM throughout Imperial County. A public hearing was held 12 MAY 15. For more information, contact Brad Poiriez at (760) 482-4606.

SAN JOAQUIN VALLEY: PM2.5 SIP CARB [is considering](#) approval of the San Joaquin Valley 2015 PM2.5 State Implementation Plan (SIP) developed and adopted by the San Joaquin Valley Air Pollution Control District. If approved, CARB will submit the district's PM2.5 plan to the Environmental Protection Agency (EPA) as a revision to the California SIP. A public hearing is scheduled for 21 MAY 15. Comments are due 19 MAY 15. For more information, contact Webster Tasat at (916) 323-4950 or [click here](#) to view the PM2.5 plan.

SAN JOAQUIN VALLEY: FEES The San Joaquin Valley Air Pollution Control District [adopted amendments](#) to the fee structure for its air program. The amendments increase fees to cover the costs of administering air programs. The fee increases will occur in stages: a 4.8% increase effective 1 JUL 15 and a 4.4% increase effective 1 JUL 16. The rulemaking would amend district rules 3010, 3020, 3030, 3040, 3050, 3060, 3070, 3110, 3120, 3135, 3140, 3147, 3150, 3155, 3160, 3180, and 3190. The [final rules](#) were adopted 16 APR 15. For more information, contact [Dave Warner](#) at (559) 230-6000.

VENTURA COUNTY: FEES The Ventura County Air Pollution Control District [increased](#) permit renewal fee rates in district [Rule 42](#) by 2.5%, effective 1 JUL 15. The final rule was adopted 14 APR 15. For more information, contact [Tyler Harris](#) at (805) 645-1407 or [click here](#) to view the district's rulemaking website.

CLIMATE CHANGE

CALIFORNIA EXPANDS GHG REDUCTION EFFORTS California Governor Jerry Brown [issued an Executive Order](#) (EO) establishing a GHG reduction target of 40% below 1990 levels by 2030. The order expands on targets set in Assembly Bill (AB) 32 (2006), which set a target of reducing GHG emissions to 1990 levels by 2020. The state is on track to meet or exceed AB 32 goals. According to the Governor, California's new emission reduction target of 40% below 1990 levels by 2030 will make it possible to reach the ultimate goal of reducing emissions 80% under 1990 levels by 2050. This is in line with scientifically established levels needed in the U.S. to limit global warming below 2 degrees Celsius - the warming threshold at which scientists say there will likely be major climate disruptions such as super droughts and rising sea levels.

ENERGY

RENEWABLE PORTFOLIO STANDARD The California Energy Commission [is proposing](#) to modify existing regulations establishing enforcement rules and procedures for the Renewable Portfolio Standard (RPS) for local publicly owned electric utilities. The amendments are intended to clarify rules associated with the implementation of [Senate Bill 591 \(2013\)](#). Comments were due 11 MAY 15. A public hearing is scheduled for 10 JUN 15. For more information, contact [Angela Gould](#) at (916) 654-4881.

ALTERNATIVE AND RENEWABLE FUEL AND VEHICLE TECHNOLOGY PROGRAM The California Energy Commission adopted emergency revisions to existing regulatory text establishing funding restrictions for the Alternative and Renewable Fuel and Vehicle Technology Program. The emergency action removes the requirement to discount the value of any emission credits received in an amount commensurate with the level of funding obtained from the Energy Commission for those that voluntarily opt-in to programs for the purpose of participating in the program's credit market. This change allows program participants to receive the full value of any emission credits the funded projects create. The rulemaking amends Title 20 California Code of Regulation (CCR) Section 3103. The final rule was effective 12 MAR 15. For more information, contact Lisa DeCarlo at (916) 654-5195.

ENERGY SITING The California Energy Commission is proposing to update its siting and process and procedure regulations, located in the 1000, 1100, 1200, 1600, 1700 and 2000 sections of 20 CCR. The updates address issues raised by stakeholders regarding the commission's licensing procedures and general process issues. Comments are due 8 JUN 15. A public hearing is scheduled for 10 JUN 15. For more information, contact [Jared Babula](#) at (916) 651-1462.

TOXICS

RADIOACTIVE MATERIALS REGULATION The California Department of Public Health [adopted amendments](#) to its regulations pertaining to radioactive material. The rulemaking amends, adopts and repeals state requirements to align with Nuclear Regulatory Commission (NRC) rules. The proposal amends sections 114960, 114965, 114970, 114985, 114990, 115000, 115060, 115091, 115105, 115110, 115120, 115165, 115230, 115235, 131050, 131051, 131052, and 131055 of the Health and Safety Code. The final rules were effective 15 APR 15. For more information, contact Phillip Scott at (916) 440-7978.

TRANSPORTATION ROUTES FOR RADIOACTIVE MATERIALS The California Highway Patrol [adopted amendments](#) to designated routes for the transportation of Highway Route Controlled Quantity (HRCQ) shipments of radioactive material. The rulemaking amends 13 CCR Section 1159. The [final rules](#) were effective 1 APR 15. For more information, contact Tian-Ting Shih at (916) 843-3400.

WATER

EMERGENCY WATER CONSERVATION The California State Water Resources Control Board [adopted](#) an emergency regulation to keep in effect three emergency regulations and amend two of the emergency regulations pertaining to drought emergency water conservation. The regulation addresses severe impacts on California's water supplies and its ability to meet all water demands in the state due to the current drought. The rule adopts Article 22.5 (Drought Emergency Water Conservation) Sections [863](#), [864](#), and [865](#). The emergency regulation expires 23 DEC 15.

CURTAILMENT OF WATER DIVERSIONS The California State Water Resources Control Board [adopted](#) emergency revisions to rules governing curtailment of water diversions based on insufficient flow. The amendments add two new sections (875, 878.3) and amend two sections (878.1, 879) of 23 CCR. The regulations establish drought emergency curtailment method and reporting requirements to ensure the orderly curtailment of water rights to protect senior water rights. The regulations also clarify the information the board will rely on when issuing initial curtailments, make the curtailment a system of enforceable orders, and clarify the procedures for contesting and making exceptions to curtailment orders. The emergency regulations were adopted 10 APR 15. For more information, contact David Rose at (916) 341-5196.

CURTAILMENT OF WATER RIGHT: SAN JOAQUIN RIVER WATERSHED The California State Water Resources Control Board [issued a notice of unavailability](#) of water and immediate curtailment for those diverting water in the San Joaquin River watershed with a post-1914 appropriative right. The notice was issued 23 APR 15. For more information, contact the [board](#).

CURTAILMENT OF WATER RIGHT: SACRAMENTO RIVER WATERSHED AND DELTA The California State Water Resources Control Board [issued curtailment notices](#) to all post-1914 water rights within the Sacramento River Watershed and Delta until further notice. The post-1914 water rights curtailed include all permits, licenses, registrations, and certificates issued after 1914 within the larger Sacramento River Watershed and Delta. The notice was issued 1 MAY 15. For more information, contact the [board](#).

FRAMEWORK FOR 25% POTABLE URBAN WATER SAVINGS The California State Water Resources Control Board invited comment on a [draft emergency regulation](#) to implement an aggregate statewide [25% reduction in potable urban water](#) use through February 2016, compared to a 2013 baseline. Comments on the framework were due 22 APR 15. For more information, [click here](#) to view this fact sheet.

DISCHARGE FEES The California State Water Resources Control Board [adopted](#) an annual adjustment to fees assessed to persons issued waste discharge permits. The fees are adjusted each fiscal year to conform to the revenue levels set forth in the Budget Act. Among the permits subject to the fee increase are waste discharge permits (WDRs), dredge

and fill permits, permits for discharges to shorelines, channels, and isolated waters (i.e., non-federal waters), and most permits under issued under the National Pollutant Discharge Elimination System (NPDES).

PROPOSITION 65: STYRENE The California Office of Environmental Health Hazard Assessment (COEHHA) [extended the public comment period](#) on its [proposal](#) to list styrene as known to the state to cause cancer under the Safe Drinking Water and Toxic Enforcement Act of 1986. The public comment period was extended to 29 APR 15.

LEGISLATIVE DEVELOPMENTS

The [2015 California legislative session](#) began 1 DEC 14 and adjourns 30 NOV 16. An * indicates the first time a bill appears in the 2014 Review.

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR / CLIMATE CHANGE				
AB 239 <i>Assemblyman James Gallagher (R)</i> Proposes to prohibit the Air Resources Board from adopting or amending regulations pursuant to the California Global Warming Solutions Act.	✓			
AB 335 <i>Assemblyman Jim Patterson (R)</i> Proposes to require the Air Resources Board and air districts to adopt regulations classifying minor violations. Defines the term "notice to comply" and requires a representative of agencies that find a minor violation to issue a notice to comply.	✓			
AB 590 <i>Assemblyman Brian Dahle (R)</i> Proposes to create the Biomass State Cost Share Account within the Greenhouse Gas Reduction Fund. Specifies funds can be used to maintain the current level of biomass power generation in the state and revitalize currently idle facilities in strategically located regions.	✓			
AB 674 <i>Assemblyman Kevin Mullin (D)</i> Proposes to address distributed energy generation. Restricts how electrical corporations can assess fees.	✓			
AB 692 <i>Assemblyman Bill Quirk (D)</i> Proposes to require state agency buyers of transportation fuels to procure an unspecified percentage of the total amount of fuel purchased from very low carbon transportation fuel sources. Increases the required percentage of very low carbon fuel to be purchased annually.	✓			
AB 742 <i>Assemblyman James Gallagher (R)</i> Proposes to prohibit the Air Resources Board from enforcing a certain regulation that restricts emissions from in-use, diesel-fueled vehicles until the board completes a review of the safety of any particulate-matter filters.	✓			
AB 777 <i>Assemblyman Matthew Harper (R)</i> Proposes to repeal the California Global Warming Solutions Act of 2006.	✓			
AB 857 <i>Assemblyman Henry T. Perea (D)</i> Proposes to amend the California Clean Truck, Bus, and Off-Road Vehicle and Equipment Technology Program funding rules.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 1094 <i>Assemblyman Das Williams (D)</i> Proposes to require the Energy Commission to conduct an analysis of plug-in equipment electricity consumption and set statewide targets for the greenhouse gases emitted by the generation of the electricity consumed by plug-in equipment.	✓			
AB 1288 <i>Assemblywoman Toni Atkins (D)</i> Proposes to amend market-based compliance provisions of the Global Warming Solutions Act of 2006.	✓			
AB 1324 <i>Assemblyman Das Williams (D)</i> Proposes to revise the definition of "statewide greenhouse gas emissions limit."	✓			
AB 1332 <i>Assemblyman Bill Quirk (D)</i> Proposes to address offsets under the California Global Warming Solutions Act of 2006. Requires the board to create an offset protocol for renewable energy projects that are able to ramp up or down during peak energy demands.	✓			
* AB 1482 <i>Assemblyman Richard S. Gordon (D)</i> Proposes to address climate adaptation. Requires the Natural Resources Agency consider climate change impacts and promote the use of natural systems when developing physical infrastructure to address adaptation.	✓			
* AB 1496 <i>Assemblyman Tony Thurmond (D)</i> Proposes to require the Air Resources Board to adopt a program to measure, monitor, regulate, and reduce emissions of methane.	✓			
SB 180 <i>Senator Hannah-Beth Jackson (D)</i> Proposes to address greenhouse gas performance standards for utilities. Replaces standards for baseload generation with standards for primary and secondary generation.	✓			
SB 189 <i>Senator Ben Hueso (D)</i> Proposes to establish the Clean Energy and Low-Carbon Economic and Jobs Growth Blue Ribbon Committee. Requires the committee to advise state agencies on the most effective ways to spend clean energy and greenhouse gas related funds and implement policies in order to maximize economic and employment benefits.	✓			
SB 207 <i>Senator Bob Wieckowski (D)</i> Proposes to address planning documents associated with expenditures from the Greenhouse Gas Reduction Fund established under the Global Warming Solutions Act.	✓			
* SB 246 <i>Senator Bob Wieckowski (D)</i> Proposes to create the Climate Action Team. Requires the team to coordinate the state's climate policy to achieve California climate change goals. Requires the team to update climate adaptation planning documents and guides.	✓			

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*SB 379 <i>Senator Hannah-Beth Jackson (D)</i> Proposes to require counties to assess risks from climate change. Requires county plans to address climate adaptation and resiliency.	✓			
*SB 471 <i>Senator Fran Pavley (D)</i> Proposes to require the Air Resources Board to develop an inventory of greenhouse gas emissions from state water systems.	✓			
*SB 491 <i>Committee On Transportation And Housing</i> Proposes to change public meeting requirements for air districts that impose a vehicle registration fee to fund air quality improvement projects.	✓			
*SB 513 <i>Senator James T. Beall (D)</i> Proposes to authorize the Sacramento Air Quality District to impose a vehicle registration surcharge and to use the funds from the surcharge on alternative fuel and electric infrastructure.	✓			
ENERGY				
AB 140 <i>Assemblyman Travis Allen (R)</i> Proposes to make changes to existing law governing reports about the impact of distributed energy generation.	✓			
AB 197 <i>Assemblywoman Cristina Garcia (D)</i> Proposes to require all retail sellers of electricity to acquire energy so as to achieve grid reliability and greenhouse gas emission reductions simultaneously.	✓			
AB 213 <i>Assemblyman Sebastian Ridley-Thomas (D)</i> Proposes to address energy efficiency and light emitting diode products. Prohibits the California Energy Resources Conservation and Development Commission from adopting standards that vary from federal standards.	✓			
AB 450 <i>Assemblyman Kevin McCarty (D)</i> Proposes to authorize the use of the moneys in the Greenhouse Gas Reduction Fund to provide funding revenue bonds.	✓	✓		
AB 568 <i>Assemblyman Bill Dodd (D)</i> Proposes to authorize Reclamation District 108 to construct, maintain, and operate a plant, transmission lines, and other necessary or appropriate facilities for the generation of hydroelectric power.	✓			
AB 577 <i>Assemblywoman Susan Bonilla (D)</i> Proposes to allocate a specific dollar amount for the development of in-state biogas. Implements a bio-methane collection and purification grant program.	✓			
AB 645 <i>Assemblyman Das Williams (D)</i> Proposes to increase the Renewable Portfolio Standard to 50% by 2030, from the existing RPS of 33% by 2020.	✓			
AB 655 <i>Assemblyman Bill Quirk (D)</i> Proposes to increase fees for transporters of inedible kitchen grease for personal, noncommercial use as an alternative fuel.	✓	✓		

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 808 <i>Assemblyman Sebastian Ridley-Thomas (D)</i> Proposes to regulate electricity used as a motor vehicle fuel. Revises rules governing oils and lubricants used in motor vehicles.	✓			
AB 942 <i>Assemblyman Ian Calderon (D)</i> Proposes to make amendments to the California Solar Initiative.	✓			
AB 946 <i>Assemblyman Phil Ting (D)</i> Proposes to address interoperability of electric vehicle charging stations.	✓			
*AB 966 <i>Assemblyman Catharine Baker (R)</i> Proposes to address ratepayer funded incentives related to solar energy. Requires solar energy system building permits, or proof no building permit is required, be submitted to the California Energy Commission as a prerequisite to receive ratepayer funded incentives.	✓			
AB 1005 <i>Assemblyman Richard S. Gordon (D)</i> Proposes to modify the Electric Vehicle Charging Stations Open Access Act. Supports the widespread deployment of electric vehicles.	✓			
*AB 1022 <i>Assemblyman Jay Obernolte (R)</i> Proposes to repeal substantive portions of the Solar Water Heating and Efficiency Act of 2007 approximately three years earlier than originally specified. The act was used to promote, through incentives, the installation of 200,000 solar water heating systems.	✓			
AB 1034 <i>Assemblyman Jay Obernolte (R)</i> Proposes to exempt the operation of a renewable energy generation facility from requirements of the Surface Mining and Reclamation Act of 1975.	✓			
AB 1330 <i>Assemblyman Richard Bloom (D)</i> Proposes to enact the Energy Efficiency Resource Standard Act. Mandates energy efficiency programs for buildings.	✓			
AB 1333 <i>Assemblyman Bill Quirk (D)</i> Proposes to address tariffs for electricity purchased from certain electric generation facilities.	✓			
*AB 1442 <i>Assemblyman Patrick O'Donnell (D)</i> Proposes to amend the Motor Vehicle Fuel Tax Law. Redefines "gasohol" for purposes of the Use Fuel Tax Law.	✓			
*SB 286 <i>Senator Robert Hertzberg (D)</i> Proposes to expand the use of direct access for the purchase of electricity.	✓			
*SB 350 <i>Senator Kevin de Leon (D)</i> Proposes to expand the California Renewable Portfolio Standards program from 33% by 2020 to 50% by 2050.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<p>*SB 360 <i>Senator Anthony C. Cannella (R)</i> Proposes to address bio-methane collection and distribution. Authorizes the Public Utilities Commission to consider allowing gas corporations to engage in competitive bidding and direct investment in ratepayer financed bio-methane collection equipment, subject to conditions.</p>	✓			
<p>*SB 427 <i>Senator Jean Fuller (R)</i> Proposes to address renewable energy.</p>	✓			
<p>*SB 550 <i>Senator Robert Hertzberg (D)</i> Proposes to address net metering. Deletes an exemption for net metering.</p>	✓			
<p>*SB 687 <i>Senator Ben Allen (D)</i> Proposes to require the Air Resources Board to adopt a carbon-based renewable gas standard that requires gas sellers to provide specified percentages of renewable gas to retail end-use customers for use in California. Increases the percentage over time. Authorizes the board to waive enforcement of the renewable gas standard under certain conditions.</p>	✓			
<p>*SB 723 <i>Senator Fran Pavley (D)</i> Proposes to require the Public Utilities Commission to authorize a pilot program to evaluate the effects of using an alternative baseline energy efficiency methodology at Armed Forces bases and facilities. Requires the commission to approve financial incentives for certain energy efficiency measures at Armed Forces bases and facilities.</p>	✓			
<p>*SB 765 <i>Senator Lois Wolk (D)</i> Proposes to address net metering. Requires the Public Utilities Commission to contract with an independent entity and to consult with that entity regarding demand-side energy management programs.</p>	✓			
<p>*SB 793 <i>Senator Lois Wolk (D)</i> Proposes to amend the green tariff shared renewables program. Requires the Public Utilities Commission to require that a participating utility allow a participating customer to subscribe to the program and receive bill credits.</p>	✓			
LAND USE				
<p>AB 644 <i>Assemblyman Jim Wood (D)</i> Proposes to address local approval of building construction in high fire hazard severity zones.</p>	✓	✓		
<p>AB 1004 <i>Assemblyman Brian Dahle (R)</i> Proposes to authorize the California Tahoe Conservancy to take certain actions to fulfill the purposes of the conservancy and to promote specified state planning priorities.</p>	✓			
<p>AB 1061 <i>Assemblyman James Gallagher (R)</i> Proposes to expand the authorities of the Central Valley Flood Protection Board. Authorizes the board to raise and expend monies for flood control.</p>	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
NATURAL RESOURCES				
AB 300 <i>Assemblyman Luis Alejo (D)</i> Proposes to enact the Safe Water and Wildlife Protection Act of 2015. Establishes the Algal Bloom Task Force. Requires the task force to study impacts of toxic blooms and associated pollution and prepare a report.	✓			
AB 311 <i>Assemblyman James Gallagher (R)</i> Proposes to address environmental impact reports for water improvement projects.	✓			
AB 353 <i>Assemblyman Tom Lackey (R)</i> Proposes to require the Department of Fish and Game to authorize take of the unarmored threespine stickleback resulting from impacts attributable to habitat restoration projects on public lands in the Bouquet Canyon area.	✓			
AB 435 <i>Assemblywoman Ling-Ling Chang (R)</i> Proposes to require Natural Resources Agency and the California Environmental Protection Agency to webcast all public meetings and to accept public comments electronically.	✓			
AB 498 <i>Assemblyman Marc Levine (D)</i> Proposes to protect wildlife corridors.	✓			
AB 559 <i>Assemblywoman Patty Lopez (D)</i> Proposes to protect monarch butterflies. Authorizes the Department of Fish and Wildlife to partner with federal agencies, nonprofit organizations, academic programs, and private landowners to benefit the butterfly.	✓	✓		
AB 1251 <i>Assemblyman Jimmy Gomez (D)</i> Proposes to enact the Greenway Development and Sustainment Act. Authorizes certain tax-exempt nonprofit organizations to acquire and hold a conservation easement if the organizations have as their primary purpose the development of a greenway.	✓			
AB 1312 <i>Assemblyman Patrick O'Donnell (D)</i> Proposes to address ballast water management in association with the Marine Invasive Species Act. Defines terms. Amends requirements for the State Lands Commission to adopt regulations governing ballast water management practices. Specifies exemptions to ballast water management requirements. Deletes obsolete reporting requirements.	✓			
*AB 1398 <i>Assemblyman Scott Wilk (R)</i> Proposes to enact the Sustainable Environmental Protection Act. Specifies required environmental review pursuant to the California Environmental Quality Act required for projects related to specified environmental topical areas. Prohibits certain challenges to claims of noncompliance with the act.	✓			
SB 122 <i>Senator Hannah-Beth Jackson (D)</i> Proposes to amend public access provisions of the California Environmental Quality Act. Establishes an electronic database clearinghouse of documents prepared pursuant to the act. Requires public review of final reports and amends recordkeeping requirements.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 154 <i>Senator Robert Huff (R)</i> Proposes to make technical, non-substantive changes to the definition of "environmental impact report."	✓			
SB 223 <i>Senator Cathleen Galgiani (D)</i> Proposes to address invasive species. Requires the Department of Parks and Recreation establish an advisory and oversight committee to monitor activities relating to the management and control or eradication of invasive aquatic plants.	✓			
*SB 520 <i>Senator Tom Berryhill (R)</i> Proposes to repeal provisions of existing law that establish fire prevention fees for habitable structures.	✓			
*SB 756 <i>Senator Jeff Stone (R)</i> Proposes to amend the California Environmental Quality Act.	✓			
OTHER				
AB 350 <i>Assemblyman Luis Alejo (D)</i> Proposes to address licensing of pesticide applicators. Specifies that certification for plant growth regulation includes plant and soil health.	✓			
AB 543 <i>Assemblyman Bill Quirk (D)</i> Proposes to define prohibitions and warnings in Proposition 65.	✓			
AB 597 <i>Assemblyman Ken Cooley (D)</i> Proposes to enact the Asbestos Tort Claim Trust Transparency Act. Establishes additional procedures with respect to civil actions pertaining to asbestos tort claims.	✓			
*AB 641 <i>Assemblyman Chad Mayes (R)</i> Proposes to address administrative procedures under the California Environmental Quality Act regarding state agency reviews of housing projects.	✓			
AB 729 <i>Assemblywoman Toni Atkins (D)</i> Proposes to address the San Diego Unified Port District territory held in trust.	✓			
AB 772 <i>Assemblyman Catharine Baker (R)</i> Proposes to require records of the sale of butane be kept for a specified period of time.	✓			
AB 824 <i>Assemblyman Mike Gatto (D)</i> Proposes to amend the definition of "fire prevention activities" to include coordination and cooperation with the federal government.	✓			
AB 1059 <i>Assemblywoman Cristina Garcia (D)</i> Proposes to require the Office of Environmental Health Hazard Assessment to update the California Communities Environmental Health Screening by using any relevant environmental data relating to known impacts on the environmental quality of the communities in the California-Mexico border region.	✓	✓		

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 1071 <i>Assemblywoman Toni Atkins (D)</i> Proposes to require California Environmental Protection Agency to establish policy on supplemental environmental projects to benefit environmental justice communities.	✓			
AB 1080 <i>Assemblyman Jay Obernolte (R)</i> Proposes to address reuse of military bases. Defines the term "enforceable obligation."	✓			
* AB 1098 <i>Assemblyman Richard Bloom (D)</i> Proposes to address transportation planning. Revises requirements associated with congestion management programs and regional transportation plans.	✓			
* AB 1169 <i>Assemblyman Jimmy Gomez (D)</i> Proposes to address project funding from the Strategic Growth Council. Changes how funding is reported.	✓			
* AJR 11 <i>Assemblywoman Autumn Burke (D)</i> Proposes to recognize the unique military value of California's defense installations and the disproportionate sacrifices California has endured in previous base realignment and closure (BRAC) rounds.	✓	✓		
* SB 111 <i>Senator Jean Fuller (R)</i> Proposes to address military school funding. Makes appropriations for construction.	✓			
* SB 121 <i>Senator Jean Fuller (R)</i> Proposes to address military school funding and federal school construction grants.	✓			
SB 140 <i>Senator Mark Leno (D)</i> Proposes to prohibit the sale of tobacco or electronic cigarettes to minors.	✓			
* SB 170 <i>Senator Ted Gaines (R)</i> Proposes to address unmanned aerial vehicles (UAVs). Imposes fines and provides for criminal penalties for violations.	✓			
* SB 262 <i>Senator Cathleen Galgiani (D)</i> Proposes to authorize law enforcement use of UAVs.	✓			
* SB 271 <i>Senator Ted Gaines (R)</i> Proposes to prohibit UAVs in certain areas.	✓			
* SB 486 <i>Senator Mike McGuire (D)</i> Proposes to address telecommunications companies and 911 services.	✓			
* SB 506 <i>Senator Jean Fuller (R)</i> Proposes to establish the Military and Aerospace Program in the Governor's Office of Business and Economic Development to develop a strategic plan for defense retention and conversion efforts.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
WASTE				
AB 190 <i>Assemblyman Matthew Harper (R)</i> Proposes to repeal an existing law prohibiting businesses from providing single-use carry out bags and establishing minimum fees for recycled paper bags.	✓			
AB 191 <i>Assemblyman Matthew Harper (R)</i> Proposes to repeal an existing law that establishes per bag fees for businesses providing recycled paper bags.	✓			
AB 263 <i>Assemblyman Jim Patterson (R)</i> Proposes to require the Department of Toxic Substances Control to periodically update regulations relating to the use of EPA publication SW-846.	✓			
AB 273 <i>Committee On Environmental Safety And Toxic Materials</i> Proposes to address oversight and fees associated with corrective action under hazardous waste laws.	✓	✓		
AB 276 <i>Committee On Environmental Safety And Toxic Materials</i> Proposes to revise the definition of "trade secret" to include information related to a person's ability to pay for or to perform a response action under hazardous waste laws.	✓			
*AB 385 <i>Assemblyman Kansen Chu (D)</i> Proposes to revise the California Integrated Waste Management Act. Requires certain solid waste facilities, including solid waste transfer or processing stations and composting, transformation, and disposal facilities to hold public meetings every six months. Specifies the topics to be addressed at the public meetings.	✓			
AB 628 <i>Assemblyman Richard Bloom (D)</i> Proposes to address management of used oil. Clarifies that the synthetic oil referred to in hazardous waste rule definitions of "used oil" may be from any source.	✓			
AB 864 <i>Assemblyman Das Williams (D)</i> Propose to require the Department of Resources Recycling and Recovery to issue temporary solid waste facility permits.	✓			
AB 901 <i>Assemblyman Richard S. Gordon (D)</i> Proposes to amend reporting requirements for recycling and composting operations.	✓			
AB 997 <i>Assemblyman Travis Allen (R)</i> Proposes to restate the state's goal for waste source reduction and recycling. Requires the Department of Resources Recycling and Recovery to investigate emerging technologies to convert wastes to feedstocks.	✓			
AB 1045 <i>Assemblyman Jacqui Irwin (D)</i> Proposes to require state agencies develop and implement policies to aid in diverting 50% of organic waste from landfills by 2020 by promoting the composting of specified organic waste.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 1063 <i>Assemblyman Das Williams (D)</i> Proposes to increase the maximum fee paid by a solid waste facility operator to the state.	✓			
AB 1075 <i>Assemblyman Luis Alejo (D)</i> Proposes to impose penalties for violations of hazardous waste laws. Allows for permit revocation after two violations.	✓			
AB 1159 <i>Assemblyman Richard S. Gordon (D)</i> Proposes to require the Department of Resources Recycling and Recovery to establish a waste tire recycling incentive program to achieve a 75% recycling rate for waste tires by 1 JAN 18.	✓			
AB 1239 <i>Assemblyman Richard S. Gordon (D)</i> Proposes to require retail sellers of new tires to end-use purchasers to pay a fee of \$1.75 per tire. Requires collected fees to be used to fund a waste tire hauler and used tire hauler manifest system.	✓			
SB 162 <i>Senator Cathleen Galgiani (D)</i> Proposes to address the generation and management of treated wood waste. Removes sunset provisions in existing law regarding treated wood waste. Extends existing law indefinitely.	✓			
SB 225 <i>Senator Bob Wieckowski (D)</i> Proposes to ensure that the expenditure of funds pursuant to the California Tire Recycling Act reflect the California Integrated Waste Management Act's priorities for waste reduction and recycling.	✓	✓		
*SB 426 <i>Senator Patricia Bates (R)</i> Proposes to define pharmaceutical waste. Excludes certain over-the-counter human or veterinary drugs and supplements from the definition of pharmaceutical waste.	✓			
*SB 489 <i>Senator Bill Monning (D)</i> Proposes to authorize the Department of Toxic Substances Control to adopt regulations designating certain waste photovoltaic modules as universal waste.	✓	✓		
*SB 509 <i>Senator Ben Hueso (D)</i> Proposes to address labeling requirements for compostable, home compostable, or marine biodegradable. Establishes standards for commercial agricultural mulch film.	✓			
*SB 612 <i>Senator Hannah-Beth Jackson (D)</i> Proposes to expand business plan requirements for business that handle hazardous materials. Adds requirements for maps in the business plan.	✓			
*SB 654 <i>Senator Kevin de Leon (D)</i> Proposes to address hazardous waste facility permitting. Requires an owner or operator to submit a complete Part A and Part B application at least two years prior to expiration of its existing permit.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 673 <i>Senator Ricardo Lara (D)</i> Proposes to direct the Department of Toxic Substances to develop new criteria to determine whether to issue or renew a hazardous waste facilities permit. The new criteria would restrict permit re-issuance. Requires a person to pay for oversight of corrective action for hazardous waste.	✓			
*SB 732 <i>Senator Richard Pan (D)</i> Proposes to require plastic beverage containers to contain a minimum of 10% post-filled material.	✓			
*SB 778 <i>Senator Ben Allen (D)</i> Proposes to require all automotive oil to have a minimum useful life of 10,000 miles. Promotes the use of synthetic oils.	✓			
WATER				
AB 78 <i>Assemblyman Devon Mathis (R)</i> Proposes to address groundwater sustainability. Requires the Department of Water Resources to categorize each groundwater basin and sets deadlines for local agencies to develop groundwater sustainability plans for certain basins.	✓			
AB 92 <i>Assembly Committee On Budget</i> Proposes to establish the Office of Sustainable Water Solutions within the State Water Resources Control Board to promote permanent and sustainable drinking water and wastewater solutions. Directs the Department of Fish and Wildlife to take specific actions related to water diversions and the protection of salmon and steelhead.	✓	✓	✓	Enacted
AB 102 <i>Assemblyman Freddie Rodriguez (D)</i> Proposes to address spill response. Creates the Regional Railroad and Surface Transportation Accident Preparedness and Immediate Response Force in the Office of Emergency Services.	✓			
AB 149 <i>Assemblyman Rocky Chavez (R)</i> Proposes to change the frequency that urban water suppliers are required to update their urban water management plans.	✓			
AB 152 <i>Assemblyman Frank Bigelow (R)</i> Proposes to make changes to water rights law.	✓			
AB 153 <i>Assemblyman Frank Bigelow (R)</i> Proposes to make changes to requirements for integrated regional water management plans.	✓			
AB 307 <i>Assemblyman Devon Mathis (R)</i> Proposes to explicitly permit the usage of residential, commercial, and industrial graywater for the recharge of a groundwater basin or aquifer.	✓			
AB 308 <i>Assemblyman Devon Mathis (R)</i> Proposes to explicitly permit incorporated and unincorporated communities to sell graywater for agricultural purposes and agriculture to use graywater for agricultural purposes.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 434 <i>Assemblywoman Cristina Garcia (D)</i> Proposes to require the State Water Resources Control Board to adopt regulations governing the use of point-of-entry and point-of-use treatment by public water systems in lieu of centralized treatment.	✓	✓		
AB 452 <i>Assemblyman Frank Bigelow (R)</i> Proposes to authorize funding for the Groundwater Regulation Subaccount.	✓			
AB 453 <i>Assemblyman Frank Bigelow (R)</i> Proposes to require local agencies to amend their existing groundwater management plans until they adopt groundwater sustainability plans.	✓	✓		
AB 454 <i>Assemblyman Frank Bigelow (R)</i> Proposes to change the dates by which certain groundwater sustainability plans must be developed.	✓			
AB 455 <i>Assemblyman Frank Bigelow (R)</i> Proposes to require the court to establish a rule related to proceedings associated with environmental impact reports for projects covered by a groundwater sustainability plan.	✓			
AB 496 <i>Assemblyman Anthony Rendon (D)</i> Proposes to address funding for drinking water for school districts.	✓			
AB 606 <i>Assemblyman Marc Levine (D)</i> Proposes to require the Department of General Services to retrofit state property to reduce water consumption.	✓			
AB 647 <i>Assemblywoman Susan Eggman (D)</i> Proposes to address water rights. Declares that the diversion of water underground constitutes a beneficial use of water if the diverted water is stored and later applied to a beneficial use or to recover groundwater levels.	✓			
AB 815 <i>Assemblyman Sebastian Ridley-Thomas (D)</i> Proposes to require operators of refineries, marine terminals, or crude oil pipelines to pay oil spill prevention and response fees.	✓	✓		
AB 935 <i>Assemblyman Rudy Salas (D)</i> Proposes to address how water development grants can be spent.	✓			
AB 936 <i>Assemblyman Rudy Salas (D)</i> Proposes to address eligibility for groundwater monitoring grants.	✓			
AB 937 <i>Assemblyman Rudy Salas (D)</i> Proposes to declare that the recharging of a groundwater basin to repel saline intrusion or recover basin groundwater levels is a beneficial use.	✓			
AB 938 <i>Assemblyman Rudy Salas (D)</i> Proposes to address groundwater sustainability. Establishes a groundwater sustainability agency.	✓	✓		

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
*AB 955 <i>Assemblyman Devon Mathis (R)</i> Proposes to provide drought assistance. Authorizes the state to provide temporary water supplies to property owners.	✓			
AB 956 <i>Assemblyman Devon Mathis (R)</i> Proposes to make changes to requirements for negative declarations under the California Environmental Quality Act. Exempts certain water recycling projects from environmental review requirements.	✓			
AB 1095 <i>Assemblyman Eduardo Garcia (D)</i> Proposes to make appropriations to support projects that fulfill obligations for restoration projects associated with intrastate or multiparty water quantification settlement agreement provisions relating to the Salton Sea.	✓			
*AB 1139 <i>Assemblywoman Nora Campos (D)</i> Proposes to make nonsubstantive changes to the provision naming the California Water District Law.	✓			
*AB 1173 <i>Assemblyman Das Williams (D)</i> Proposes to address professional certification requirements for backflow prevention testers.	✓			
AB 1242 <i>Assemblyman Adam Gray (D)</i> Proposes to address groundwater sustainability. Requires the state to evaluate mitigation measures to avoid adverse impacts on groundwater quality or supply.	✓			
AB 1243 <i>Assemblyman Adam Gray (D)</i> Proposes to address groundwater sustainability. Establishes the Groundwater Recharge Grant Fund. Makes available grants to local governments and water districts for groundwater recharge infrastructure projects.	✓			
AB 1362 <i>Assemblyman Richard S. Gordon (D)</i> Proposes to define "stormwater" to mean any system of public improvements or service intended to provide for the quality, conservation, control, or conveyance of waters that land on or drain across the natural or man-made landscape.	✓			
*AB 1376 <i>Assemblyman Henry T. Perea (D)</i> Proposes to make an appropriation to fund drought-related drinking water projects.	✓			
*AB 1390 <i>Assemblyman Luis Alejo (D)</i> Proposes to address adjudication of groundwater rights. Establishes procedures. Authorizes the court to determine all rights to groundwater in a basin whether based on appropriation, overlying right, or other basis of right.	✓			
*AB 1420 <i>Assemblyman Rudy Salas (D)</i> Proposes to require the Division of Oil, Gas, and Geothermal Resources to prioritize the identification and testing of pipelines that are near sensitive areas.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<p>*AB 1454 <i>Assemblyman Eric Linder (R)</i> Proposes to address trash loads on water quality and a suspended prohibition on single-use carry out bags. Provides limited relief to water quality total maximum daily load requirements that were developed based on a plastic bag ban. The ban is inoperative, pending the results of a referendum election.</p>	✓			
<p>*AB 1463 <i>Assemblyman Mike Gatto (D)</i> Proposes to address onsite recycled water. Requires the state to establish water quality standards and distribution, monitoring, and reporting requirements for onsite water recycling systems prior to authorizing the use of onsite recycled water in internal plumbing of residential and commercial buildings.</p>	✓			
<p>*AB 1490 <i>Assemblyman Anthony Rendon (D)</i> Proposes to address oil and gas well stimulation and seismic activities. Prohibits wastewater disposal wells and all well stimulation treatments within 10 miles of a recently active fault. Restricts well stimulation following an earthquake of specified magnitude and within a specified radius from the epicenter of the earthquake.</p>	✓			
<p>*AB 1531 <i>Committee On Environmental Safety And Toxic Materials</i> Proposes to address state enforcement of the Safe Drinking Water Act. Addresses prohibitions on point-of-use treatment and point-of-entry treatments and permits.</p>	✓			
<p>*SB 78 <i>Committee On Budget And Fiscal Review</i> Proposes to revise requirements related to stream diversions and determinations of whether the diversion is deleterious to steelhead and salmon. Imposes penalties.</p>	✓	✓		
<p>SB 127 <i>Senator Andy Vidak (R)</i> Proposes to modify the Water Quality, Supply, and Infrastructure Act of 2014 (i.e., Proposition 1, 2014). Establishes procedures for public agencies to follow when certifying environmental impact reports for projects developed under the act.</p>	✓			
<p>SB 143 <i>Senator Jeff Stone (R)</i> Proposes to address recreational use of drinking water sources. Allows certain recreational activities in drinking water reservoirs, if specific conditions are met.</p>	✓			
<p>SB 144 <i>Senator Richard Pan (D)</i> Proposes to modify the Natomas Basin flood protection project. Adopts a report.</p>	✓			
<p>SB 173 <i>Senator Jim Nielsen (R)</i> Proposes to address ground water withdrawals and the Sustainable Groundwater Management Act. Defines a de minimis extractor as a person who extracts, for domestic purposes, 10 acre-feet of water or less per year.</p>	✓			
<p>SB 208 <i>Senator Ricardo Lara (D)</i> Proposes to address integrated regional water management plans. Addresses funding and grant expenditures.</p>	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 226 <i>Senator Fran Pavley (D)</i> Proposes to amend the Sustainable Groundwater Management Act. Establishes a timely method for determining rights to groundwater in furtherance of the objectives of the Act.	✓			
SB 228 <i>Senator Anthony C. Cannella (R)</i> Proposes to declare that recharging of a groundwater basin by a local agency for the purposes of repelling saline intrusion and recovering basin groundwater levels constitutes a beneficial use of water.	✓			
* SB 385 <i>Senator Ben Hueso (D)</i> Proposes to address public utility compliance with drinking water standards for hexavalent chromium. Provides additional time to achieve compliance with California hexavalent chromium standards for utilities that submit a compliance plan to the state.	✓			
* SB 487 <i>Senator Jim Nielsen (R)</i> Proposes to exempt plans developed under the Sustainable Groundwater Act from certain California Environmental Quality Act requirements.	✓			
* SB 551 <i>Senator Lois Wolk (D)</i> Proposes to declare the policy of the state that water use and water treatment shall be as energy efficient as is feasible and energy use and generation shall be as water efficient as is feasible.	✓			
* SB 552 <i>Senator Lois Wolk (D)</i> Proposes to require the State Water Resources Control Board to ensure disadvantaged communities have adequate water resources. Requires a report.	✓			
* SB 555 <i>Senator Lois Wolk (D)</i> Proposes to require urban water retail sellers to conduct a water loss audit and submit a report. Requires reports to be posted electronically.	✓			
* SB 568 <i>Senator Jean Fuller (R)</i> Proposes to enact legislation relating to the Groundwater Sustainability Act.	✓			
* SB 615 <i>Senator Tom Berryhill (R)</i> Proposes to require state water boards to waive certain reporting and other requirements for managed wetlands.	✓			



LEGISLATIVE DEVELOPMENTS

The [2015 Hawaii legislative session](#) began 21 JAN 15 and adjourned 6 MAY 15. An * indicates the first time a bill appears in the 2015 Review.

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR/CLIMATE CHANGE				
SB 500 <i>Senator Laura Thielen (D)</i> Proposes to require major infrastructure projects to consider the effects of projected sea level rise over the anticipated lifespan of the project.	✓			Carry over to 2016 session
ENERGY				
HB 623 <i>Representative Chris Kalani Lee (D)</i> Proposes to increase renewable energy generation in the state. Increases the renewable energy portfolio standard. Establishes standards and requirements for large self-generators of renewable energy. Requires large self-generators to achieve 100% renewable energy generation by 2040. Companion bill is SB 715.	✓	✓	✓	To Governor
HB 892 <i>Representative Joseph Souki (D)</i> Proposes to impose new taxes on petroleum and change the allocation of existing taxes. Allocates more funds to energy and food sustainability efforts and less to the general fund. Companion bill is SB 1061.	✓			Carry over to 2016 session
SB 715 <i>Senator Mike Gabbard (D)</i> Proposes to increase renewable energy generation in the state. Increases the renewable energy portfolio standard. Establishes standards and requirements for large self-generators of renewable energy. Requires large self-generators to achieve 100% renewable energy generation by 2040. Companion bill is HB 623.	✓	✓		Carry over to 2016 session
SB 1061 <i>Senator Donna Mercado Kim (D)</i> Proposes to impose new taxes on petroleum and change the allocation of existing taxes. Allocates more funds to energy and food sustainability efforts and less to the general fund. Companion bill is HB 892.	✓			Carry over to 2016 session
LAND USE				
HB 1430 <i>Representative Jo Jordan (D)</i> Proposes to establish the Makua Valley Reserve Commission to oversee control and management of Makua Valley. Requires the Department of Land and Natural Resources to implement controls and permitted uses for the Valley and provide administrative support to the commission.	✓			Carry over to 2016 session
NATURAL RESOURCES				
HB 5 <i>Representative Cynthia Thielen (R)</i> Proposes to require the environmental council to adopt rules that require all environmental impact statements and environmental assessments include climate change analysis.	✓			Carry over to 2016 session
HB 7 <i>Representative Cynthia Thielen (R)</i> Proposes to address private residences and the Hawaii register of historic places. Exempts private residences not on the Hawaii register of historic places from designation as a historic property in order to exempt those properties from state historic preservation review in connection with project permit or land use applications.	✓			Carry over to 2016 session

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
HB 465 <i>Representative Scott K. Saiki (D)</i> Proposes to address historic preservation. Requires the Department of Land and Natural Resources to identify the types of projects that have no potential to affect a historic property and the types of properties likely to be eligible for inclusion in the Hawaii register of historic places. Requires the department to develop a plan for completing a comprehensive inventory of historic buildings. Companion bill is SB 877.	✓			Carry over to 2016 session
HB 469 <i>Representative Gene Ward (R)</i> Proposes to streamline the Historic Preservation Act to increase efficiency, reduce confusion, and adhere to the spirit of the law. Companion bill is SB 956.	✓			Carry over to 2016 session
HB 611 <i>Representative Cindy Evans (D)</i> Proposes to appropriate funds to digitize historic preservation records and positions in the State Historic Preservation Division.	✓	✓	✓	Carry over to 2016 session
HB 647 <i>Representative Calvin K.Y. Say (D)</i> Proposes to protect native sandalwood trees. Prohibits destruction or harvesting of sandalwood trees. Bans export of raw sandalwood timber. Requires the state to establish policies.	✓			Carry over to 2016 session
HB 750 <i>Representative Gregg Takayama (D)</i> Proposes to protect native sandalwood trees. Prohibits destruction or harvesting of sandalwood trees. Bans export of raw sandalwood timber. Establishes penalties.	✓			Carry over to 2016 session
SB 877 <i>Senator J. Kalani English (D)</i> Proposes to address historic preservation. Requires the Department of Land and Natural Resources to identify the types of projects that have no potential to affect a historic property and the types of properties likely to be eligible for inclusion in the Hawaii register of historic places. Requires the department to develop a plan for completing a comprehensive inventory of historic buildings. Companion bill is HB 465.	✓	✓		Carry over to 2016 session
SB 956 <i>Senator Sam Slom (R)</i> Proposes to streamline the Historic Preservation Act to increase efficiency, reduce confusion, and adhere to the spirit of the law. Companion bill is HB 469.	✓			Carry over to 2016 session
OTHER				
HB 693 <i>Representative Kaniela Ing (D)</i> Proposes to require public notification and disclosure of application of restricted use pesticides. Requires reporting for application of restricted use pesticides. Requires the state to post reports online. Establishes buffer zones to limit public exposure and drift onto sensitive areas.	✓			Carry over to 2016 session
HB 1514 <i>Representative Chris Kalani Lee (D)</i> Proposes to require disclosure of outdoor pesticide application near schools, childcare facilities, and agricultural entities. Establishes pesticide buffer zones for sensitive areas. Establishes penalties.	✓			Carry over to 2016 session

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
HCR 3 <i>Representative Ken Ito (D)</i> Proposes to oppose the U.S. Army's proposed force reduction of Schofield Barracks and Fort Shafter bases. Companion resolution is SCR 3.	✓	✓	✓	Enacted
*HCR 196 <i>Representative Andria Tupola (R)</i> Proposes to request the state to convene a drone policy task force and recommend a statewide policy for unmanned aircraft that protects privacy and allows the use of unmanned aircraft systems for public and private applications. Companion resolution is HR 133.	✓			Carry over to 2016 session
HCR 219 <i>Representative Chris Kalani Lee (D)</i> Proposes to request the Department of Health establish pesticide buffer zones around sensitive areas and disclosure requirements for entities that use large quantities of restricted use pesticides.	✓			Carry over to 2016 session
*HR 133 <i>Representative Andria Tupola (R)</i> Proposes to request the state to convene a drone policy task force and recommend a statewide policy for unmanned aircraft that protects privacy and allows the use of unmanned aircraft systems for public and private applications. Companion resolution is HCR 196.	✓			Carry over to 2016 session
SB 575 <i>Senator Russell Ruderman (D)</i> Proposes to prohibit the sale of personal care products that contain synthetic plastic microbeads. Establishes the plastic pollution special fund. Requires violators to pay a fine that is deposited into the general fund and the plastic pollution special fund.	✓			Carry over to 2016 session
SB 661 <i>Senator Willie C. Espero (D)</i> Proposes to establish the Hawaii unmanned aerial systems test site chief operating officer position to serve on the Pan-Pacific Unmanned Aerial Systems Test Range Complex management team. Establishes an advisory board to oversee and manage unmanned aerial systems test site operations.	✓	✓	✓	To Governor
SB 734 <i>Senator Rosalyn H. Baker (D)</i> Proposes to increase pesticide licensing fees. Addresses use of the pesticide use revolving fund.	✓			Carry over to 2016 session
SB 793 <i>Senator Joshua B Green (D)</i> Proposes to establish mandatory notice, reporting, and use requirements when pesticides are applied outdoors near sensitive areas.	✓			Carry over to 2016 session
SB 797 <i>Senator Joshua B Green (D)</i> Proposes to establish notice, reporting, and use requirements for any entity or person that uses pesticides under certain circumstances.	✓			Carry over to 2016 session
SB 799 <i>Senator Joshua B Green (D)</i> Proposes to establish notice, reporting, and use requirements for any entity or person that uses pesticides under certain circumstances.	✓			Carry over to 2016 session
SB 801 <i>Senator Joshua B Green (D)</i> Proposes to establish notice, reporting, and use requirements for any entity or person that uses pesticides under certain circumstances.	✓			Carry over to 2016 session

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 931 <i>Senator Sam Slom (R)</i> Proposes to change the state legislature from the current two chamber system to a single chamber (unicameral) legislature.	✓			Carry over to 2016 session
SB 1037 <i>Senator Joshua B Green (D)</i> Proposes to establish a mandatory disclosure program for pesticide use by all persons, under certain circumstances.	✓	✓		Carry over to 2016 session
SCR 3 <i>Senator Donovan Dela Cruz (D)</i> Proposes to oppose the U.S. Army's proposed force reduction of Schofield Barracks and Fort Shafter bases. Companion resolution is HCR 3.	✓	✓	✓	Enacted
WASTE				
HB 754 <i>Representative Nicole Lowen (D)</i> Proposes to prohibit establishments from providing food in polystyrene foam containers beginning 1 JAN 16.	✓			Carry over to 2016 session
HB 1245 <i>Representative Sharon E. Har (D)</i> Proposes to establish a pilot program for products that are not easily recycled in Hawaii. Companion bill is SB 180.	✓			Carry over to 2016 session
HCR 143 <i>Representative Feki Pouha (R)</i> Proposes to request the Department of Health to promptly examine all alleged violations in the solid waste recycling industry and to equitably enforce pertinent laws and rules.	✓			Carry over to 2016 session
SB 180 <i>Senator Donovan Dela Cruz (D)</i> Proposes to establish a pilot program for products that are not easily recycled in Hawaii. Companion bill is HB 1245.	✓			Carry over to 2016 session
SB 703 <i>Senator Mike Gabbard (D)</i> Proposes to increase the solid waste management surcharge for waste disposal. Establishes a new surcharge for waste at certain waste-to-energy facilities.	✓	✓	✓	Carry over to 2016 session
SB 1325 <i>Senator Maile S.L. Shimabukuro (D)</i> Proposes to require documentation that waste disposal contracts include proof that waste was properly disposed of before payment is made.	✓			Carry over to 2016 session
WATER				
HB 645 <i>Representative Calvin K.Y. Say (D)</i> Proposes to address funding and repair of leaking petroleum underground storage tanks at Red Hill.	✓			Carry over to 2016 session
HB 835 <i>Representative Jarrett Keohokalole (D)</i> Proposes to establish requirements for the Department of Health regarding water quality certification applications.	✓			Carry over to 2016 session
HB 872 <i>Representative Kaniela Ing (D)</i> Proposes to specify that naturally occurring beach sand is not considered a water pollutant if used for beach erosion mitigation and certain related purposes.	✓			Carry over to 2016 session

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
HB 1325 <i>Representative Joseph Souki (D)</i> Proposes to authorize counties to establish and charge user fees for stormwater management. Companion bill is SB 1310.	✓	✓	✓	Enacted
SB 540 <i>Senator Gilbert Kahele (D)</i> Proposes to specify time limits for regulatory approval/disapproval of section 401 water quality permit applications.	✓			Carry over to 2016 session
SB 1168 <i>Senator Mike Gabbard (D)</i> Proposes to require field-constructed underground storage tanks to meet the same requirements as other underground storage tanks under Hawaii Administrative Rules, Chapter 11-281.	✓			Carry over to 2016 session
SB 1310 <i>Senator Laura Thielen (D)</i> Proposes to authorize counties to establish and charge user fees for stormwater management. Companion bill is HB 1325.	✓	✓		Carry over to 2016 session

In addition, the [Guam 33rd legislative session](#) began 12 JAN 15 and adjourns 31 DEC 16.



LEGISLATIVE DEVELOPMENTS

The [2015 Nevada legislative session](#) begins 2 FEB 15 and adjourns 1 JUN 15. An * indicates the first time a bill appears in the 2015 Review.

<i>Nevada Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR/CLIMATE CHANGE				
*SB 438 <i>Commerce, Labor And Energy Committee</i> Proposes to provide for the development and implementation of a state emissions plan to reduce certain carbon dioxide emissions.	✓			
ENERGY				
AB 32 <i>Taxation Committee</i> Proposes to revise provisions relating to special fuels. Revises taxes, measurements, and recordkeeping.	✓	✓		
SB 150 <i>Senator Kelvin Atkinson (D)</i> Proposes to create local improvement districts that include an energy efficiency improvement project or a renewable energy project.	✓			
SJR 2 <i>Senator Peter Goicoechea (R)</i> Proposes to urge Congress to share certain funds generated from commercial activity on public lands with the state.	✓	✓		

<i>Nevada Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
LAND USE				
* AB 202 <i>Assemblyman Ira Hansen (R)</i> Proposes to authorize a county board of commissioners to enter into real estate transactions with the federal government. Authorizes to State Land Registrar to transfer state owned property to Mineral County.	✓	✓		
* AB 408 <i>Assemblywoman Michele Fiore (R)</i> Proposes to authorize the county sheriff to enter into an agreement with a federal agency concerning primary responsibility or the exercise of law enforcement authority on land managed by a federal agency. Provides that county sheriffs are the primary law enforcement officers in unincorporated counties.	✓			
* AB 423 <i>Transportation Committee</i> Proposes to provide for a study on transportation infrastructure and funding.	✓			
* SB 456 <i>Transportation Committee</i> Proposes to revise certain provisions concerning the control and preservation of certain accessory roads. Addresses roads that cross certain federal lands.	✓			
NATURAL RESOURCES				
AB 34 <i>Government Affairs Committee</i> Proposes to repeal provisions governing certain fire protection districts and fire safety.	✓	✓		
AB 163 <i>Assemblyman Ira Hansen (R)</i> Proposes to create rangeland fire protection associations.	✓	✓		
* SB 277 <i>Senator Richard Segerblom (D)</i> Proposes to enact the Nevada Environmental Policy Act. Requires state and local agencies to prepare environmental reports that analyze environmental impacts of agency activity and certain private activity.	✓			
OTHER				
AB 146 <i>Assembly Committee On Transportation</i> Proposes to revise provisions governing motor vehicle licensing.	✓			
* SB 179 <i>Senator David R. Parks (D)</i> Proposes to revise provisions exempting manufacturers of electric vehicles from requirements related to franchising.	✓			
WASTE				
SB 122 <i>Senator Moises Denis (D)</i> Proposes to require a contractor to dispose of certain solid waste produced by construction, demolition, or similar work at certain materials recovery facilities.	✓			
* SB 297 <i>Senator Joseph P. Hardy (R)</i> Proposes to revise provisions regarding redevelopment plans. Addresses redevelopment associated with abandoned mines or milling facilities on federal lands.	✓	✓	✓	

<i>Nevada Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
WATER				
*AB 415 <i>Natural Resources, Agriculture, And Mining Committee</i> Proposes to revise provisions relating to the use of water in a federal reclamation project. Revises definitions.	✓	✓		
*AB 430 <i>Natural Resources, Agriculture, And Mining Committee</i> Proposes to revise provisions governing channel clearing. Requires the State Engineer to create and maintain a list of proposed maintenance or other projects for a navigable river.	✓			
SB 81 <i>Government Affairs Committee</i> Proposes to revise provisions relating to the management and appropriation of water. Increases management and oversight of groundwater sources and regulates withdrawals.	✓			
SB 89 <i>Natural Resources Committee</i> Proposes to revise provisions regarding expenditures from petroleum cleanup funds.	✓			
*SJR 10 <i>Senator Richard Segerblom (D)</i> Proposes to request the National Research Council of the National Academy of Sciences to conduct an independent scientific and economic analysis of the management of the Colorado River.	✓			

Department of Defense Activity

ARMY REGULATION

ACQUISITION AND SALE OF UTILITIES SERVICE The Army updated Army Regulation (AR) [420-41](#) *Acquisition and Sale of Utilities Service*. The AR establishes Department of Army policies, responsibilities, and mandatory procedures for the acquisition and sale of utilities and related services for continental United States Army facilities. The update is considered a major revision. Effective 3 APR 15, the revision:

- Updates responsibilities for the acquisition of utilities services and the sale of utilities and related services to conform to Army Installation Management Transformation;
- Updates general Army policies for acquiring and selling utilities and services;
- Incorporates energy related statutes and executive order requirements related to the purchase of utility services from renewable energy, demand response pricing and environmental concerns;
- Identifies considerations for acquiring utilities services from renewable resource projects through energy power purchase agreements;
- Updates approval threshold levels for acquisition contracts and adds guidance on waivers or deviations from service related regulations and guidance;
- Provides guidance on the sale of electricity from alternate energy and cogeneration production facilities;

- Provides guidance on preparing, executing and administering solicitations and contracts for acquiring utility services;
- Provides guidance on acquisition utility contract rate changes;
- Establishes the Army Utilities Services Acquisition and Sale Specialist Training and Certification Program;
- Removes the reproducible utilities-sale-instrument formats from the regulation and prescribes additional special provision forms for hot water service, fuel oil service, compressed air service, ice service, chilled water service and liquefied propane gas service;
- Updates and expands the unit cost rates for the sale of utilities and related services;
- Provides guidance on recovering incremental costs associated with privatizing an Army utility system and recovering energy savings performance or utility energy services contracting costs; and
- Provides guidance on using utility sale meters.

NATURAL RESOURCES

SENTINEL LANDSCAPES: FORT HUACHUCA AND NAS PATUXENT RIVER The Department of Agriculture, Department of Interior (DOI), and DoD [designated](#) as Sentinel Landscapes [Fort Huachuca](#), Arizona and [Naval Air Station \(NAS\) Patuxent River-Atlantic Test Ranges](#), Maryland. The collaborative Sentinel Landscape Partnership supports efforts to promote working lands, protect wildlife habitat, and ensure military readiness at military bases across the country. At Fort Huachuca, the U.S. Forest Service (FS), Natural Resources Conservation Service (NRCS), Fish and Wildlife Service (FWS), and DoD are working with local, state, and federal partners to discourage incompatible land development, preserve native grassland and working ranches, and ensure the availability of scarce groundwater resources for the entire region. At NAS Patuxent River, partners are working together to ensure that the lands in and around the Navy's premier aircraft research, development, test, and evaluation area continue to support working farms, high-priority fishing and recreational opportunities and sustain more than 260 rare plants and animals. For more information on the Sentinel Landscapes Partnership, including fact sheets, visit www.sentinellandscapes.org.

NANCY NATOLI ÉLAN AWARD FOR INNOVATION IN LAND CONSERVATION This annual award recognizes individuals, teams, or organizations, which, in Nancy's spirit, have taken existing, undersized land conservation opportunities and super-charged them for unexpected or outsized results, or identified and implemented new land conservation opportunities. [Nominations](#), which are due 19 JUN 15 will be considered for on-going or completed work, or for cumulative accomplishments over time for people, teams, or organizations that have:

- Improved the land protection movement through conservation or natural resource protection;
- Leveraged resources through innovative financing to implement projects with limited funding;
- Taken projects with limited utility and found connections that make them more useful, efficient, or beneficial to multiple stakeholders;
- Embodied Nancy Natoli's fundamental approach to land conservation: intellectual curiosity and integrity; drive to leverage multiple efficiencies to "protect the most land at the least cost"; passion for innovation in land conservation and conservation finance; and acknowledgement of the benefit of collaboration across varying agencies, governments, organizations and groups to identify and attain common goals.

FY 2014 SECRETARY OF THE ARMY ENVIRONMENTAL AWARDS Four Army National Guard installations, two arsenals, and two teams received [Fiscal Year \(FY\) 2014 Secretary of the Army Awards](#) for their environmental program achievements. Winners will represent the Army in the Secretary of Defense Environmental Awards Program later this year. Winning accomplishments include streamlined compliance with historic property requirements and exceptional historic preservation projects, creative approaches to eliminate or reduce land-use constraints, and development of environmentally friendly replacement chemicals and improved designs for handheld fire extinguishers in Army rotary wing aircraft. They also include exemplary environmental management systems and compliance assurance programs,

decreased costs and innovative treatment process for an environmental restoration project, and reducing conflicts between conservation and training goals via the Army Compatible Use Buffer program, as well as reduced energy usage and increased and improved recycling programs. FY 2014 Secretary of the Army award winners are:

- Natural Resource Conversation (Large Installation category) - Camp Blanding, Florida Army National Guard
- Cultural Resource Management (Small Installation category) - Picatinny Arsenal, New Jersey
- Environmental Quality (Industrial category) - Missouri Army National Guard
- Sustainability (Non-industrial category) - Fort Indiantown Gap, Pennsylvania Army National Guard
- Environmental Restoration - Northeast Cape FUDS Team, U.S. Army Corps of Engineers, Alaska
- Cultural Resource Management (Team or Individual category) - Redstone Arsenal, Alabama
- Sustainability (Team or Individual category) - Minnesota Army National Guard
- Environmental Excellence in Weapons System Acquisition (Small Program category) - Redstone Arsenal Aviation Weapon Systems IPT

SUSTAINABILITY

HOUSE ARMED SERVICES SUBCOMMITTEE SEEKS NET ZERO EVALUATION The House Armed Services' Readiness Subcommittee is directing the Government Accountability Office (GAO) to report on the successes achieved to date from DoD Net Zero initiatives along with areas for improvement. According to report language attached to the panel's portion of the fiscal 2016 defense authorization bill, the report should address:

- To what extent DoD has developed an integrated net zero strategy for energy, water and waste management at its installations
- What impact net zero initiatives have on maintaining mission capability
- What challenges installations have encountered implementing net zero initiatives
- What lessons have been learned from the initiative, and how those lessons are being shared and optimized
- What have been the costs and benefits of net zero initiatives
- How successful the military departments and installations have been in implementing the net zero initiative.

The report would be due May 15, 2016. The subcommittee's portion of the authorization bill is available on the [committee website](#).

Federal Activity

AIR

SEWAGE SLUDGE INCINERATION UNITS EPA is proposing a Federal Implementation Plan (FIP) specifying emission guidelines for existing sewage sludge incineration units located in states that do not have an approved state plan implementing [federal](#) (March 2011) emission guidelines ([80 FR 23401](#)). States were required to submit emission guidelines for sewage sludge incineration units by March 2013. Western states potentially affected by this proposed rule include Alaska, American Samoa, Arizona, California, Guam, Hawaii, Utah, Montana, Nevada, and Washington. Comments are due 11 JUN 15. For more information, contact [Amy Hambrick](#) at (919) 541-0964.

REFRIGERATION SUBSTITUTES AND VENTING PROHIBITION EPA approved five flammable refrigerants as acceptable substitutes in several end-uses: household refrigerators and freezers, stand-alone retail food refrigeration equipment, very low temperature refrigeration, non-mechanical heat transfer, vending machines, and room air conditioning units ([80 FR 19453](#)). The five refrigerant substitutes are: difluoromethane (also known as hydrofluorocarbon (HFC)-32),

ethane, isobutane, propane, and the hydrocarbon blend R-441A. EPA also exempted four hydrocarbon refrigerant substitutes (ethane, isobutane, propane, and R-441A) from the Clean Air Act (CAA) Section 608 prohibition on venting, release, or disposal. The final rule was effective 11 MAY 15. For more information, contact [Margaret Sheppard](#) at (202) 343-9163.

MATS AND THE UTILITY NSPS EPA denied the remaining issues in 23 petitions it received for reconsideration of the 16 FEB 12 rule, titled [National Emission Standards for Hazardous Air Pollutants \(NESHAP\) From Coal- and Oil-Fired Electric Utility Steam Generating Units and Standards of Performance \(NSPS\) for Fossil-Fuel-Fired Electric Utility, Industrial-Commercial-Institutional, and Small Industrial-Commercial-Institutional Steam Generating Units](#), which is commonly referred to as the mercury air toxics (MATs) rule and NSPS rule ([80 FR 24218](#)). The denial of reconsideration was effective 30 APR 15. For more information, contact [Jim Eddinger](#) at (919) 541-5426.

CALIFORNIA SIP: REGIONAL HAZE EPA approved a revision to the California Regional Haze SIP ([80 FR 17327](#)). The agency approved California's determination that the existing Regional Haze SIP is adequate to meet these visibility goals and requires no substantive revision at this time. The rule was effective 1 MAY 15. For more information, contact [Thomas Webb](#) at (415) 947-4139.

CALIFORNIA SIP: FEATHER RIVER EPA is approving revisions to the Feather River Air Quality Management District portion of the California SIP ([80 FR 22646](#)). The revisions concern volatile organic compound (VOC), oxides of nitrogen (NO_x), and PM emissions from solvents used for surface preparation and cleanup; wood product coating operations; boilers, steam generators, and process heaters; stationary internal combustion engines; and rice straw burning. The rulemaking approves local rules 3.14, 3.20, 3.21, 3.22, and 10.9. The rule is effective 22 JUN 15 unless the agency receives adverse comment by 26 MAY 15. For more information, contact [Kevin Gong](#) at (415) 972-3073.

CALIFORNIA SIP: NORTHERN SIERRA EPA is approving revisions to the Northern Sierra Air Quality District portion of the California SIP ([80 FR 19544](#)). The SIP revision contains the district's demonstration regarding Reasonably Available Control Technology (RACT) requirements for the 1997 8-hour ozone National Ambient Air Quality Standards (NAAQS) and negative declarations for VOC source categories for the district. The final rule is effective 12 JUN 15 unless EPA received adverse comment by 13 MAY 15. For more information, contact [James Shears](#) at (213) 244-1810.

CALIFORNIA SIP: SAN JOAQUIN EMISSION REDUCTION CREDITS EPA issued a limited approval and limited disapproval of revisions to the San Joaquin Valley Air Pollution Control District portion of the California SIP ([80 FR 19020](#)). EPA approved local rule 9610 (State Implementation Plan Credit for Emission Reductions Generated through Incentive Programs). EPA disapproved section 6.2 of the rule, because it contained an incorrect statutory reference and inaccurately described the statutory obligations of the NRCS with respect to disclosure of information concerning implementation of the Environmental Quality Incentives Program (EQIP). The final rule was effective 11 MAY 15. For more information, contact [Idalia Pérez](#) at (415) 972-3248.

NONATTAINMENT RECLASSIFICATION SAN JOAQUIN VALLEY: PM_{2.5} EPA reclassified the San Joaquin Valley Moderate nonattainment area in California, including areas of Indian country within it, as a Serious nonattainment area for the 1997 fine particulate matter (PM_{2.5}) NAAQS ([80 FR 18528](#)). EPA made the reclassification after it determined that the area cannot practicably attain PM_{2.5} NAAQS by 5 APR 15. In response, California must submit a Serious Area Plan including a demonstration that the plan provides for attainment of the 1997 annual and 24-hour PM_{2.5} standards in the nonattainment area by 31 DEC 15, or as soon as practicable. The final rule was effective 7 MAY 15. For more information, contact [Anita Lee](#) at (415) 972-3958.

ATTAINMENT: SOUTHEAST DESERT EPA determined that the Southeast Desert nonattainment area in California has attained the 1-hour ozone NAAQS ([80 FR 20166](#)). The final rule was effective 15 MAY 15. For more information, contact [Tom Kelly](#) at (415) 972-3856.

CALIFORNIA SIP: VENTURA AND EASTERN KERN EPA is proposing to approve revisions to the Ventura County Air Pollution Control District and the Eastern Kern Air Pollution Control District portions of the California SIP ([80 FR 19932](#)). The revisions clarify, update, and revise exemptions from New Source Review (NSR) permitting requirements for various air pollution sources. Comments are due 14 MAY 15. For more information, contact [Larry Maurin](#) at (415) 972-3943.

CALIFORNIA SIP: YOLO-SALANO EPA is approving revisions to the Yolo-Solano Air Quality Management District portion of the California SIP ([80 FR 23449](#)). The agency is approving local rules that regulate VOC emissions from solvent cleaning and degreasing operations. The final rule is effective 29 JUN 15, unless the agency receives adverse comment by 28 MAY 15. For more information, contact [Arnold Lazarus](#) at (415) 972-3024.

CLIMATE CHANGE

U.S. GHG EMISSIONS AND SINKS The U.S. saw a 2% increase in GHG emissions in 2013 from 2012 levels, but a 9% drop in emissions since 2005, according to the EPA's 20th [Inventory of US Greenhouse Gas Emissions and Sinks](#). The increase in total national GHG emissions between 2012 and 2013 was due to increased energy consumption across all sectors in the US economy and greater use of coal for electricity generation. This year, EPA is publishing key data in a new, online [GHG Inventory Data Explorer tool](#), which allows users to view, graph, and download data by sector, year, and GHG. By sector, power plants were the largest source of emissions, accounting for 31% of total GHG emissions. The transportation sector was the second largest source, at 27%. Industry and manufacturing were the third largest source, at 21%. For more information about the inventory, [click here](#).

DISASTER PREPAREDNESS FUNDING TIED TO CLIMATE CHANGE PLANNING The Federal Emergency Management Agency (FEMA) announced it will approve disaster preparedness funds only for states whose governors approve hazard mitigation plans that address climate change. Beginning in March 2016, states seeking preparedness money will have to assess how climate change threatens their communities. Governors will have to sign off on hazard mitigation plans. While some states, including New York, have already started incorporating climate risks in their plans, most have not because FEMA's 2008 guidelines did not require it. States are required to update their plans every five years to be eligible for the agency's mitigation funding. For more information, view this [fact sheet](#), or the [State Mitigation Plan Review Guide](#), or visit FEMA's [website](#) for hazard mitigation planning.

HOT ANNOTATED VERSION OF EO 13693 The General Services Administration (GSA) posted a "hot annotated" version of EO 13693, *Planning for Federal Sustainability in the Next Decade*, on its [Sustainable Facilities Tool \(SFTool\) website](#). Hot annotated means that the text of the EO has been supplemented with numerous active hyperlinks cross referencing sections of the EO, and accessing additional references, resources, federal programs, and agencies. Links to the text of all superseded memoranda and EOs are included. Separately, there are links in the introductory box to the full text of the EO, and to a PDF that compares the goals and requirements of EO 13693 with previous EOs.

ENERGY

ePROJECTBUILDER FOR ENERGY SAVINGS PERFORMANCE CONTRACTING The Department of Energy's (DOE's) Federal Energy Management Program (FEMP) launched [eProject Builder](#) (ePB), a secure web-based data entry and tracking system for energy savings performance contract (ESPC) projects. ePB is a free service developed and managed by the University of California/Lawrence Berkeley National Laboratory. ePB enables energy service companies and their customers to:

- Upload and track ESPC project information
- Generate basic project reports
- Benchmark new ESPC projects against historical project data.

ePB 1.0 currently supports Mozilla Firefox version 10.0.7 or higher and Google Chrome version 30 or higher. Security and stability issues prevent ePB from supporting Internet Explorer. However, future versions of ePB will support Internet Explorer. Users must also have installed Microsoft Excel 14.0 (2010/2011) or higher to be able to use the upload template functionality.

ENERGY-WATER NEXUS TOOLKIT The International Association of Plumbing and Mechanical Officials and the U.S. Chamber of Commerce Foundation Corporate Citizenship Center released a [toolkit](#) to help companies make informed decisions about projects intended to increase energy efficiency or reduce water use. The toolkit addresses the energy-water nexus, or the interrelatedness of energy and water projects. The document provides a brief overview of the energy-water nexus, including the history, issues, and risks. Much of the report offers practical and mechanical solutions to address energy-water nexus challenges, from new water management technologies to better ways to control building climates. The toolkit includes more than 30 case studies and resources that show how to incorporate these tools and companies that have benefited greatly from their installation.

SCHOFIELD GENERATING STATION The Army issued a Draft Environmental Impact Statement (EIS) for the proposed land lease and easements on Schofield Barracks and Wheeler Army Airfield for the construction, ownership, operation, and maintenance of a 50-megawatt capacity, biofuel-capable power generation plant and associated equipment and transmission lines ([80 FR 22978](#)). The Schofield Generating Station will be built and operated by the Hawaiian Electric Company. The Draft EIS analyzes impacts associated with construction and operation of the Schofield Generating Station and associated infrastructure. The Army has determined that there are historic properties nearby, but that the undertaking will have no effect upon them. The new generating station will provide improved energy security to Army activities and provide new renewable energy generation to the grid on Oahu, Hawaii. For more information, [click here](#).

NATURAL RESOURCES

RESILIENT LANDS AND WATERS INITIATIVE DOI, EPA, and the National Oceanic and Atmospheric Administration (NOAA) [recognized four collaborative landscape partnerships](#) across the country where federal agencies will focus efforts with partners to conserve and restore important lands and waters and make them more resilient to a changing climate. Building on existing collaborations, these Resilient Lands and Waters partnerships – located in southwest Florida, Hawaii, Washington and the Great Lakes region – will help build resilience in regions vulnerable to climate change and related challenges. They will also showcase the benefits of landscape-scale management approaches and help enhance the carbon storage capacity of these natural areas. The Resilient Lands and Waters initiative is a key part of the Obama Administration's [Climate and Natural Resources Priority Agenda](#), a comprehensive commitment across the Federal Government to support resilience of America's vital natural resources. For more information about the partnerships, [click here](#).

MARINE PROTECTED AREAS NOAA released an updated [Framework for the National System of Marine Protected Areas of the United States of America](#). Originally published in 2008, the framework outlines the goals and objectives of the national system of marine protected areas (MPAs) and describes how it is being implemented, as called for by [EO 13158](#). The purpose of the national system is to build management capacity among MPA programs and to coordinate collaborative efforts to address common management issues and identify ecosystem-based gaps in the protection of significant natural and cultural resources for possible future action by the nation's MPA authorities. For more information, click here to visit the [MPA website](#).

MPA ADVISORY COMMITTEE The MPA Federal Advisory Committee scheduled a public meeting for 2 JUN 15 in Tacoma, Washington ([80 FR 22501](#)). The meeting will discuss the development of subcommittee work plans (MPA Connectivity and External Financing for MPAs) to provide the committee with perspective on tribal marine resource management and on MPA management issues in the Pacific Northwest. For more information, contact [Lauren Wenzel](#) at (301) 713-7265. Additional information about MPAs, including the meeting agenda, is available [here](#).

FLOODPLAIN MANAGEMENT FEMA hosted a public meeting on 14 APR 15 to gather comments on its proposed [Revised Guidelines for Implementing EO 11988, Floodplain Management \(80 FR 19090\)](#). [EO 13690](#), issued 30 JAN 15, revised EO 11988 to require addition of two feet to the base floodplain for non-critical actions and three feet for critical actions. EO 11988 requires agencies to avoid, to the extent possible, the long and short-term adverse impacts associated with the occupancy and modification of floodplains and to avoid the direct or indirect support of floodplain development whenever there is a practicable alternative. The guidelines are advisory, providing broad guidance on EO implementation and offering a common point of reference allowing each agency to draft or update their own rules and regulations in consultation with the Water Resources Council, Federal Interagency Floodplain Management Task Force, FEMA, and the Council on Environmental Quality (CEQ).

COASTAL ZONE MANAGEMENT NOAA's Office for Coastal Management will evaluate the performance of the American Samoa, Ohio, and Virginia Coastal Management Programs ([80 FR 20471](#)). The evaluations will be conducted pursuant to section 312 of the Coastal Zone Management Act of 1972, as amended (CZMA) and regulations at 15 CFR Part 923, subpart L. Evaluation of a coastal management program requires findings concerning the extent to which a state has met national objectives, adhered to its Coastal Management Program document, and adhered to the terms of financial assistance awards funded under the CZMA. In Guam, a public meeting is scheduled for 27 MAY 15. For more information, contact [Carrie Hall](#).

SAGE-GROUSE HABITAT PROTECTION DOI [announced](#) it will fund more than \$4 million in projects in four states to protect intermountain West sagebrush habitat in an effort to protect sage-grouse from wildfire. The Bureau of Land Management (BLM) will use the money in Idaho, Nevada, Oregon, and Utah to counter wildfire threats, invasive grasses, and flammable juniper trees encroaching on native sagebrush habitat.

- Idaho: \$1.78 million to create fuel breaks along transportation corridors in the southwest part of the state that will help firefighters halt wildfires.
- Nevada: \$638,000 for projects that include mowing along roadways to reduce fire potential and of seeding native plants to prevent the spread of cheatgrass, an invasive species that increases risks for fires.
- Oregon: \$1.03 million for prescribed fires to take out juniper stands and plant native grasses. Juniper trees soak up the limited amount of water on which other plants depend.
- Nevada: \$638,000 to mow along roadways to reduce fire potential and to seed native plants to prevent the spread of invasive cheatgrass.

THREATENED AND ENDANGERED SPECIES

WITHDRAWN: BI-STATE DPS OF GREATER SAGE-GROUSE FWS withdrew its proposed rule to list the bi-State distinct population segment (DPS) of [greater sage-grouse](#) (*Centrocercus urophasianus*) in California and Nevada as threatened under the Endangered Species Act (ESA), its proposed special rule under ESA Section 4(d), and its proposed designation of critical habitat ([80 FR 22827](#)). According to FWS, the withdrawals are based on its conclusion that the threats to the DPS as identified in the proposed listing rule no longer are as significant as believed at the time the proposed rule was published. FWS now believes that the threats to the DPS and its habitat, given current and future conservation efforts, are reduced below the statutory definition of threatened or endangered. The October 2013 proposed rules to [list the bi-State DPS](#) as threatened and to [designate critical habitat](#) are withdrawn as of 23 APR 15. For more information, contact Edward Koch at (775) 861-6300 or [click here](#) to view a news release from the Western Governors' Association (WGA).

2014 SAGE-GROUSE INVENTORY AND INDEX OF CONSERVATION INITIATIVES WGA [released](#) the [2014 Sage-Grouse Inventory](#), highlighting conservation work undertaken by public, private and non-governmental groups during the past year across the 11-state range of the greater sage-grouse. The fourth annual inventory produced by the governors, through the WGA, has expanded its focus from previous years. In addition to state and local government conservation

initiatives, the inventory includes reports from federal agencies, conservation districts, industry, and nonprofits. Some highlights:

- Colorado, Idaho, and Montana have collectively protected nearly 350,000 acres of greater sage-grouse habitat through purchase or conservation easements.
- Nevada Mining Association members have developed habitat conservation plans on 1.2 million acres.
- NRCS's [sage-grouse initiative](#), working with landowners, has reclaimed over 400,000 acres of sage-grouse habitat through conifer removal.

The governors also published the [2014 Sage-Grouse Appendix](#), which identifies all sage-grouse conservation initiatives reported by states and counties since 2011.

HUMBOLT MARTEN FWS recognized a coastal DPS of the Pacific [marten](#) (which includes coastal Oregon populations of marten and the current classification of Humboldt marten) and determined that listing of the DPS is not warranted at this time ([80 FR 18741](#)). The finding was made 1 APR 15. For more information, contact Bruce Bingham at (707) 822-7201.

FISHER FWS is proposing to extend the date by which it will make a final determination whether to list the West Coast DPS of [fisher](#) (*Pekania pennanti*). The service will make its final determination by 7 APR 16. The service is taking this action based on substantial disagreement regarding information related to toxicants and rodenticides (including law enforcement information and trend data) and the assessment of species distribution and population trends. Comments are due 14 MAY 15. For more information, contact Erin Williams at (530) 842-5763.

FINDINGS: 10 SPECIES FWS announced that it will review the status of 10 species ([80 FR 19259](#)). The status review of the [northern spotted owl](#) (California, Oregon, and Washington) will also serve as a five-year review. Other species subject to this notice include the [Clear Lake hitch](#) (California), the [Mojave shoulderband snail](#) (California), [Relict dace](#) (Nevada), the [San Joaquin Valley giant flower-loving fly](#) (California), the [Western pond turtle](#) (California, Oregon, and Washington), and [yellow cedar](#) (Alaska). The remaining species are not endemic to the United States or its territories. Comments are due 9 JUN 15.

HUMPBACKED WHALE In response to a recently completed status review of the [humpback whale](#) (Megaptera novaeangliae), the National Marine Fisheries Service (NMFS) is proposing to divide the endangered species into 14 DPSs, remove the current species-level listing, and in its place list two DPSs as endangered and two DPSs as threatened ([80 FR 22303](#)). The service is proposing to list the Cape Verde Islands/Northwest Africa and Arabian Sea DPSs as endangered and the Western North Pacific and Central America DPSs as threatened. The remaining DPSs (West Indies, Hawaii, Mexico, Brazil, Gabon/Southwest Africa, Southeast Africa/Madagascar, West Australia, East Australia, Oceania, and Southeastern Pacific) would not be listed. At this time, NMFS does not propose to designate critical habitat for the two listed DPSs that occur in U.S. waters (Western North Pacific, Central America) because it is not currently determinable. Comments are due 20 JUL 15. For more information, contact Marta Nammack at (301) 427-8469 or [click here](#) to view a map of the approximate locations of humpback whale DPSs.

Toxics

TSCA WORK PLAN PROBLEM FORMULATION AND INITIAL ASSESSMENT FOR 1,4-DIOXANE EPA announced the availability of a problem formulation and initial assessment document for 1,4-Dioxane prepared under the Toxic Substances Control Act (TSCA) Work Plan ([80 FR 23545](#)). The problem formulation and initial assessment examined likely exposure and hazard scenarios to workers and consumers in order to identify scenarios where further risk analysis may be necessary. The assessment [found](#) no risks to the general population from inhalation exposure and low risks to aquatic life. EPA plans to conduct additional risk analysis on potential worker and consumer exposures. Comments on the 1,4-Dioxane problem formulation and data assessment are due 29 JUN 15. For more information, contact [Stanley](#)

[Barone](#) at (202) 564-1169 or [click here](#) to view the *TSCA Work Plan Chemical Problem Formulation and Initial Assessment*.

LEAD-BASED PAINT RENOVATOR CERTIFICATION EPA extended the certifications of certain renovators under the Lead Renovation, Repair, and Painting (RRP) rule ([80 FR 20444](#)). The agency extended the certifications of thousands of renovators that will otherwise expire before [EPA's proposed revisions to renovator certification requirements](#) can be finalized. The extensions only apply to renovators that fall under EPA's renovation program and not to renovators under authorized state programs. The final rule was effective 16 APR 15. For more information, contact [Marc Edmonds](#) at (202) 566-0758.

1-BROMOPROPANE ADDED TO RIGHT-TO-KNOW REPORTING EPA is proposing to add 1-Bromopropane to the list of toxic chemicals subject to reporting under section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986 and section 6607 of the Pollution Prevention Act (PPA) of 1990. 1-Bromopropane has been classified by the National Toxicology Program in their 13th Report on Carcinogens as "reasonably anticipated to be a human carcinogen." EPA believes that 1-Bromopropane meets the EPCRA Section 313(d)(2)(B) criteria because it can reasonably be anticipated to cause cancer in humans. Comments are due 15 JUN 15. For more information, contact [Daniel Bushman](#) at (202) 566-0743.

FINAL RISK ASSESSMENT: N-METHYLPYRROLIDONE EPA released the final risk assessment for N-Methylpyrrolidone (NMP) in paint and coating removal products. The final risk assessment indicates health risks to people, particularly pregnant women and women of childbearing age, who have high exposure to NMP through paint or coating removal products. EPA is considering a range of possible voluntary and regulatory actions to address risks from the use of NMP-containing paint and coating removal products and recommends finding safer paint/coating removal chemicals, or taking precautions that can reduce exposures, such as using the product outside, in a well-ventilated area, and wearing proper gloves and respiratory protection. For more information, [click here](#) to view the [final risk assessment for NMP](#), a [fact sheet](#), and more.

TOXICOLOGICAL PROFILES The Agency for Toxic Substances Disease Registry (ATSDR) announced the list of proposed substances that will be evaluated for its 29th set of toxicological profiles ([80 FR 17444](#)). ATSDR is accepting nominations of substances for profile development. Nominations were due 1 MAY 15. For more information, contact Commander [Jessilynn Taylor](#).

NANOSCALE MATERIALS: REPORTING AND RECORDKEEPING EPA is proposing to require reporting and recording keeping requirements for nanoscale materials ([80 FR 18330](#)). Specifically, EPA is proposing to require persons that manufacture, import, process, or intend to manufacture or process these nanoscale chemical substances to electronically report certain information, including the specific chemical identity, production volume, methods of manufacture and processing, exposure and release information, and existing data concerning environmental and health effects. The proposal involves one-time reporting for existing nanoscale materials and one-time reporting for new discrete nanoscale materials before they are manufactured or processed. Comments are due 6 JUL 15. For more information, contact [Jim Alwood](#) at (202) 564-8974.

SECURITY OF SPECIAL NUCLEAR MATERIAL The Nuclear Regulatory Commission (NRC) is making available a regulatory basis document to support a rulemaking potentially amending its regulations concerning the security of special nuclear material ([80 FR 22434](#)). The document supports NRC's effort to enhance security of special nuclear material under [10 CFR Part 73](#). The commission is not seeking comment at this time. There will be an opportunity for formal public comment on the proposed rule when it is published in the Federal Register. NRC is making documents publicly available at www.regulations.gov, under Docket ID NRC-2014-0118. For more information, contact [Timothy Harris](#) at (301) 287-3594.

WASTE

COAL ASH DISPOSAL EPA published a final rule regulating the disposal of coal combustion residuals (CCR) as solid waste under subtitle D of the Resource Conservation and Recovery Act (RCRA) ([80 FR 21301](#)). The rule establishes national minimum criteria for new and existing CCR landfills and surface impoundments and all lateral expansions of such CCR units. It addresses location restrictions, design and operating criteria, groundwater monitoring, corrective action, closure requirements, post closure care, and recordkeeping, notification, and internet posting requirements. The final rule is effective 14 OCT 15. For more information, contact Alexander Livnat at (703) 308-7251 or [click here](#) to view EPA's coal ash website.

SUPERFUND RECORDKEEPING EPA is proposing to create a new system of records that would integrate the legacy Superfund data collection, reporting, and tracking modules into a single system, referred to as Superfund Enterprise Management System (SEMS) ([80 FR 21237](#)). SEMS is intended to improve operational effectiveness, reduce costs, streamline business processes, and enhance information management capabilities. Comments are due 27 MAY 15. For more information, contact Steven Wyman at (703) 603-8882.

WATER

CYANOTOXINS IN DRINKING WATER EPA held a public meeting 11 MAY 15 to receive public input on potential actions that states and public water systems can take to prepare for and respond to cyanotoxin health risks in drinking water ([80 FR 23542](#)). EPA is developing health advisories for two cyanotoxins: [microcystin](#) and [cylindrospermopsin](#). A health advisory is an estimate of acceptable drinking water levels for a contaminant based on health effects and other information and provides recommended analytical and treatment techniques. Health advisories are intended to assist federal, state, and local officials and public water system managers in achieving public health goals. A health advisory is not a legally enforceable standard under the Safe Drinking Water Act. For more information, contact [Hannah Holsinger](#) at (202) 564-0403.

EFFLUENT STANDARDS FOR OIL AND GAS EXTRACTION POINT SOURCES EPA is proposing a new regulation establishing pretreatment standards for onshore unconventional oil and gas extraction facilities discharges to publicly owned treatment works (POTWs) ([80 FR 18557](#)). Unconventional oil and gas extraction wastewater may contain constituents that are potentially harmful to human health and the environment. Because they are not typical of POTW influent wastewater, some extraction wastewater constituents can be discharged, untreated, from the POTW to the receiving stream; disrupt the operation of the POTW by inhibiting biological treatment; accumulate in biosolids, thus limiting their use; and facilitate the formation of harmful disinfection by-products. According to EPA, the proposed rule is intended to ensure current industry best practice is maintained over time. Comments are due 8 JUN 15. For more information, contact [Lisa Biddle](#) at (202) 566-0350.

ANALYSIS OF HYDRAULIC FRACTURING FLUID EPA [conducted an analysis](#) of chemicals and amounts of water used to hydraulically fracture oil and gas production wells in the United States as part of a study of the potential impacts of hydraulic fracturing for oil and gas on drinking water resources. On 30 MAR 15, EPA hosted a public webinar on its analysis of data. The webinar or slides are viewable at <http://www2.epa.gov/hfstudy/epa-analysis-fracfocus-10-data-webinar-presentation>.

WATER USE DOWN ACROSS THE U.S. A [report](#) by the nonprofit Pacific Institute demonstrates that water use in the United States declined in the five-year period ending in 2010. The nation saw reductions in all sectors, including agriculture; municipal and industrial; and thermoelectric power. The report reveals that nearly two-thirds of the reductions were in the thermoelectric power sector, the largest use of fresh and saline water in the United States. These water-use trends reveal overall improvements in the management of the nation's water. According to the report, although substantial progress has been made, current water use trends are not sustainable in the face of population growth and climate change.

Professional Development

USACE PROSPECT TRAINING USACE announces course availability for the FY15 PROSPECT (i.e., Proponent-Sponsored Engineer Corps Training) program. Courses are open to all federal, state, county, and city employees and contractors. There are different registration processes for each entity. Please refer to the [Course Catalog](#) and [List of Classes and schedule](#) for details. Environmental courses include, but are not limited to:

- Environmental Regulations Practical Application Course (Course Control Number (CCN) 398)
- CERCLA/RCRA Process (CCN 356)
- Hazardous Waste Manifesting & DOT Certification (CCN 223)
- Hazardous Waste Manifesting 16-Hour DOT Recertification Course (CCN 429)
- Radioactive Waste Transport (CCN 441)
- Hazardous/Toxic and Radioactive Waste Construction Inspection (CCN 141)
- Environmental Remediation Technologies (CCN 395)
- Environmental Laws and Regulations (CCN 170)

NAVY AND ISEERB ENVIRONMENTAL TRAINING The Navy and the Interservice Environmental Education Review Board (ISEERB) Environmental Training schedule is available. Course topics include environmental overview and management, law planning and sustainability, pollution prevention, restoration, conservation, supplemental and Internet/computer-based training, and more.

AIR FORCE CIVIL ENGINEERING SCHOOL TRAINING The Air Force Civil Engineering School offers a variety of environmental management courses and seminars, including ISEERB offerings. Courses offered by the Civil Engineer School are available to all military and civilian employees of the U.S. government, free of charges. Travel costs are borne by the student.

DEFENSE AND FEDERAL ENVIRONMENTAL TRAINING/AWARENESS The U.S. Army offers numerous environmental training courses (classroom and online). Explore training opportunities on the [US Army Environmental Command \(AEC\) website](#), which has links to training provided by DoD organizations.

FEDERAL TRAINING SOURCES

FEDERAL FACILITIES ENVIRONMENTAL STEWARDSHIP AND COMPLIANCE ASSISTANCE CENTER - [FedCenter.gov](#) is the federal government's home for comprehensive environmental stewardship, compliance assistance, and professional development information. FedCenter.gov provides a wide variety of information in the following areas:

- Program development (e.g., environmental management systems, green procurement program);
- Federal and state regulatory requirements for various facility activities;
- Regulatory Watch for information on new or changed laws or regulations;
- P2 opportunities and best management practices;
- EPA enforcement notices;
- Links to state environmental programs;
- Access to [environmental assistance](#);
- Access to free, FedCenter-sponsored courses:
 - [Environmental Compliance for Federal Laboratories](#) (FedCenter membership required);
 - [Environmental Management Systems](#) (FedCenter membership required);
 - [Underground Storage Tanks](#) (FedCenter membership required);
- Environmental [conferences](#), meetings, [training](#), and workshop information;
- Applicable laws and Executive Orders; and
- Industry sector-specific newsletters.

FedCenter also provides member assistance services such as:

- Collaboration tools for workgroups,
- Environmental reporting tools, and
- Daily newsletter and subscription services.

ONLINE TRAINING: SCHEDULED EVENTS

SERDP AND ESTCP WEBINAR SERIES The DoD environmental research and development funding programs ([SERDP](#) and [ESTCP](#)) are launching a [webinar series](#) to promote the transfer of innovative, cost-effective and sustainable solutions developed using SERDP and ESTCP funding. Live webinars will be offered every two weeks on Thursdays from 12:00 p.m. Eastern for 90 minutes. Most webinars will feature two 30-minute presentations and interactive question and answer sessions, on topics targeted for DoD and DOE audiences. Prior presentations are archived for viewing any time.

- Management of Contaminated Sediments Sites (20 NOV 14)
- Waste to Energy Technologies (4 DEC 14)
- Energy Audits (18 DEC 14)
- DNAPL (Dense Non-Aqueous Phase Liquid) Source Zone Management (8 JAN 15)
- Sustainable Materials (22 JAN 15)
- Acoustic Methods for Underwater Munitions (5 FEB 15)
- Solar Technologies (19 FEB 15)
- Lead Free Electronics (5 MAR 15)
- Bioremediation Approaches at Chlorinated Solvent Sites (19 MAR 15)
- Resource Conservation and Climate Change (26 MAR 15)
- Blast Noise Measurements and Community Response (16 APR 15)
- Munitions Mobility (7 MAY 15)
- Managing Munition Constituents on Training Ranges (28 MAY 15)

FEMP eTRAINING COURSES The Federal Energy Management Program (FEMP) offers interactive, online eTraining courses to help federal agencies develop core competencies and comply with energy-efficiency and renewable-energy water-management and sustainability requirements. FEMP is partnering with the National Institute of Building Sciences' Whole Building Design Guide (WBDG) to host these comprehensive, FEMP-developed eTraining courses. [Promotional materials](#) are available to help federal agencies encourage the completion of FEMP's eTraining courses. For more information about FEMP eTraining courses, contact [Beverly Dyer](#) at (202) 586-7753. The following courses are available:

- [Advanced Electric Metering in Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Building Automation Systems for Existing Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Commissioning for Existing Federal Buildings](#) (4.5 hours, .50 CEUs)
- [Energy-Efficient Federal Purchasing](#) (4.5 hours, .50 CEUs)
- [Energy Savings Performance Contracting](#) (8.5 hours, .90 CEUs)
- [Federal On-Site Renewable Power Purchase Agreements](#) (2.5 hours, .30 CEUs)
- [Launching a Utility Energy Services Contract \(UESC\): Getting to Yes!](#) (3 hours, .40 CEUs)
- [Managing Water Assessment in Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Measurement and Verification in ESPCs](#) (3 hours, .40 CEUs)
- [Planning an Energy Assessment for Federal Facilities](#) (4 hours, .50 CEUs)
- [Selecting, Implementing, and Funding Photovoltaic Systems in Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Sustainable Institutional Change for Federal Facility Managers](#) (3 hours, .40 CEUs)
- [Utility Service Contracts and Energy Project Incentive Funds](#) (90 minutes)

ENERGY STAR WEBCASTS. Among the offerings:

- [Portfolio Manager 101](#) – This webcast demonstrates the core functionality of EPA's Energy Star Portfolio Manager tool. Attendees will learn to navigate the Portfolio Manager, add a property and enter details, enter

energy and water consumption data, share properties, generate performance reports to assess progress, and respond to data requests.

- [Portfolio Manager 201](#) – This webcast will explore advanced functionalities of EPA’s Energy Star Portfolio Manager tool, including managing and tracking changes to property uses over time; using spreadsheet templates to update property data; setting goals and targets to plan energy improvements for properties; generating and using custom reports; and using the Sustainable Buildings Checklist.

CLIMATE CHANGE SCIENCE AND MANAGEMENT WEBINAR SERIES This [webinar series](#) was developed to inform scientists, land managers, and the public about potential and predicted climate change impacts on fish and wildlife and to help guide resource management decisions across the United States. Video recordings with closed captioning are made available one to two weeks after each presentation.

READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM – Webinar Series The REPI Webinar Series is presented by DoD in partnership with the [Land Trust Alliance](#). This online series covers best practices, tutorials and knowledge sharing on REPI partnerships that support military mission and accelerate the pace and rate of conservation. All webinars begin at 1:00 p.m. Eastern unless otherwise noted. Previously scheduled webinars are available anytime.

EPA SUSTAINABLE MATERIALS MANAGEMENT ACADEMY Learn about key issues, successful projects, and a variety of best management practices for creating waste management programs, from the series of live and archived webinars. Building on the familiar concept of [Reduce, Reuse, Recycle](#), sustainable materials management (SMM) is a systemic approach that seeks to reduce materials use and their associated environmental impacts over their entire life cycle, starting with extraction of natural resources and product design and ending with decisions on recycling or final disposal. The format is a formal presentation followed by a question and answer session.

ITRC INTERNET BASED TRAINING The Interstate Technology and Regulatory Council (ITRC) is a state-led coalition working with federal partners, industry, academia, and stakeholders to achieve regulatory acceptance of environmental technologies. In conjunction with EPA’s Technology Innovation and Field Services Division, ITRC delivers training courses to reach a geographically dispersed audience of regulators, consultants, and other members of the environmental community. The training sessions last approximately two hours, cover technical and regulatory information specific to environmental technologies and innovative approaches, and are supported by consensus-based ITRC guidance documents. Visit the site often to view upcoming internet-based training events.

ONLINE TRAINING: AVAILABLE ANYTIME

CLIMATE READY WATER UTILITIES EPA’s Climate Ready Water Utilities initiative assists the water sector (drinking water, wastewater, and stormwater utilities) in addressing impacts from climate change. This information helps utility owners and operators better prepare their systems for the impacts of climate change. The website has links to [tools and resources](#), new and recorded [training webinars](#), and more.

WATER’S IMPACT ON THE ENERGY SECTOR This on-demand webinar features Stacy Tellinghuisen, senior energy/water policy analyst at Western Resource Advocates, who shares new research on the national impacts of water scarcity on the energy sector, including how the expanded use of renewable energy and energy efficiency can help reduce the potential impacts that prolonged droughts will have on the energy sector.

EPA RCRA TRAINING RCRA-related online courses, seminars, webinars, podcasts, and videos are posted throughout EPA’s waste website. Introductory and advanced courses are included for federal and state regulators, the regulated community, organizations, associations, and consumers interested in environmental laws, regulations, and implementation. Topics include general RCRA, RCRA corrective action, Environmental Management Systems (EMS), e-waste, groundwater characterization and cleanup, land revitalization, land disposal restrictions, sustainable materials management web academy, and environmental justice and RCRA permitting.

AREA SOURCE BOILER RULE VIDEO SERIES This [EPA video series](#) explaining the Area Source Boiler Rule consists of modules regarding:

- An overview of rule applicability, including specific rule requirements and compliance dates;
- How to conduct an energy assessment;
- How to conduct a boiler tune-up; and
- Recordkeeping and reporting requirements of the rule.

Area sources are commercial (e.g., laundries, apartments, hotels), institutional (e.g., schools, churches, medical centers, municipal buildings) or industrial (e.g., manufacturing, refining, processing, mining) facilities that emit or have the potential to emit less than 10 tons per year (tpy) of a single hazardous air pollutant, or less than 25 tpy combined hazardous air pollutants. The Area Source Boiler Rule affects boilers at these facilities that burn coal (including coal refuse, petroleum coke, or synthetic fuels derived from coal), oil or other liquid fuel, biomass, and non-waste materials.

BEST PRACTICES FOR COMPREHENSIVE WATER MANAGEMENT FOR FEDERAL FACILITIES This comprehensive water management training provides federal facility and energy managers with knowledge and skills to assist in meeting water-related legislative and executive order requirements. Learners will develop skills in increasing water efficiency and reducing water use through sound operations and maintenance practices and water-efficient technologies. Several methods for meeting needs for non-potable water through alternate water sources, such as rainwater harvesting, reclaimed wastewater, and gray water are discussed. Water metering is covered, as well as life cycle costing and establishing the overall economics for strategic water management.

PRELIMINARY ASSESSMENT AND SITE INSPECTION (PA/SI) WEBINAR SERIES The CERCLA Education Center is offering archived versions of its nine-part Preliminary Assessment and Site Inspection (PA/SI) [webinar series](#). PA/SI is an intermediate training course designed for personnel who are required to compile, draft, and review PA, SI, and hazard ranking system (HRS) documentation records and packages submitted for sites proposed for the National Priorities List (NPL). More information is available at www.clu-in.org.

DISTRIBUTED-SCALE RENEWABLE ENERGY PROJECTS: FROM PLANNING TO PROJECT CLOSEOUT This 2.5 hour webinar focuses on the planning and implementation of distributed-scale renewable energy projects (i.e., those smaller than 10 megawatts). The on-demand course outlines a detailed 10-step process from technology screening to project closeout. It explores online tools and resources for renewable energy projects on federal sites.

EPA AIR POLLUTION TRAINING INSTITUTE (APTI) EPA's [Air Pollution Training Institute](#) (APTI) offers a variety of online self instructional courses and videos for air pollution professionals. Although APTI courses are designed for state and local government officials, the courses, webinars, and videos are available to anyone.

AVERT TUTORIAL This training provides an overview of EPA's Avoided Emissions and generation tool (AVERT). AVERT estimates the potential of energy efficiency/renewable energy (EE/RE) programs to displace electricity system-related SO₂, NO_x, and CO₂ emissions in the continental United States. The tool can be used to evaluate county, state and regional level emissions displaced by energy efficiency and renewable energy programs without the need for specialized resources or electricity system expertise.

FEMP TRAINING SEARCH TOOL The FEMP Training Search is a web tool that lists free training opportunities to help agencies meet federal energy, water, and sustainability laws and requirements. The new search tool provides options to easily find and select training offerings by topic area, topic series, course format and type, and by level of difficulty—introductory (101), intermediate (201), and advanced (301).

EPA TMDL AND NPDES PERMIT TRAINING EPA developed three web-based training modules on topics related to TMDLs and NPDES permitting. The presentations are intended for TMDL developers and NPDES permitting staff to gain a better understanding of TMDL implementation through NPDES permits. Each module is offered as a recorded presentation that enables participants to review the material on demand in a self-paced environment. The modules are

also available as unrecorded PowerPoint presentations with slides and scripts. Each recorded session is approximately two hours long.

- Module 1: Understanding TMDLs: A Primer for NPDES Permit Writers
- Module 2: Understanding Waste Load Allocation Implementation in Permits: A Primer for TMDL Developers
- Module 3: Understanding TMDLs with Stormwater Sources and the NPDES Stormwater Permitting Process

CLASSROOM/INTERNET TRAINING SOURCES

EPA NPDES TRAINING COURSES AND WORKSHOPS Training courses, workshops, and webcasts explain the regulatory framework and technical considerations of the NPDES permit program. They are designed for permit writers, dischargers, EPA officials, and other interested parties. Topics include vessel general permits, combined sewer overflows, energy management, green infrastructure, pesticides, pretreatment, sanitary sewer overflows, and stormwater.

How the Regional Offices Work for You

When used within the framework of ISO 14001, the *Western Region Review* can be part of an installation's procedures to satisfy Section 4.3.2 (Legal and other requirements) of ISO 14001. Information in the *Review* is intended for general guidance, and the reader should refer to cited source documents for more detailed information to determine the applicability and scope of the referenced legislation and regulations.

The US Army Regional Environmental and Energy Offices monitor state legislative and regulatory actions on your behalf. If a proposed state action has (1) critical mission impact; (2) conflicts with a federal requirement; and/or (3) a disproportionate effect on the Army or DoD, we coordinate with the potentially affected installations, commands, and/or other military Services to further assess the potential impact. If action is needed on a proposed measure we work with Army or Service regulatory experts to communicate DA/DoD position, coordinating with the affected installations and commands. Comments are combined from all parties in a single DoD/Army package and formally submitted to the state.

Want to comment on a rule or bill in the Review?

Please contact your Regional Environmental Coordinator listed in the Staff Directory.

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Acronyms

AAQS	ambient air quality standards
ACHP	Advisory Council on Historic Preservation
ACUB	Army Compatible Use Buffer
ADEQ	Arizona Department of Environmental Quality
ADWR	Arizona Department of Water Resources
AFB	Air Force Base
AGRRC	Arizona Governor's Regulatory Review Council
AQIP	Air Quality Improvement Program
ARNG	Army National Guard
ASTM	American Standard Test Method
ATSDR	Agency for Toxic Substances and Disease Registry
BACM	best available control measure
BACT	best available control technology
BART	best available retro-fit technology
BLM	Bureau of Land Management
BTU	British thermal unit
CAA	Clean Air Act
CAFE	corporate average fuel economy
CalEPA	California Environmental Protection Agency
CARB	California Air Resources Board
CaRFG3	phase 3 California reformulated gasoline
CATEX	categorical exclusion
CBAR	California Bureau of Automotive Repair
CDC	California Department of Conservation
CDFW	California Department of Fish and Wildlife
CDPH	California Department of Public Health
CDPR	California Department of Pesticide Regulation
CDTSC	California Department of Toxic Substances Control
CDWR	California Department of Water Resources
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulation
CH ₄	methane
CNOR	candidate notice of review
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
COAL	California Office of Administrative Law
COEHHA	California Office of Environmental Health Hazard Assessment
CPUC	California Public Utilities Commission
CrVI	hexavalent chromium
CSWRCB	California State Water Resources Control Board
CVC	California Vehicle Code
CWA	Clean Water Act
DA	Department of Agriculture
DO	dissolved oxygen
DoD	Department of Defense
DOE	Department of Energy
DOI	Department of Interior
DOT	Department of Transportation
DSM	demand side management
DPS	distinct population segment
EA	environmental assessment
ECA	emission control area
ECF	emission comparable fuel

EIS	environmental impact statement
EPA	Environmental Protection Agency
EO	Executive Order
ESA	Endangered Species Act of 1973
ESTCP	Environmental Security Technology Certification Program
FERC	Federal Energy Regulatory Commission
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FONSI	finding of no significant impact
FS	Forest Service
FWS	Fish and Wildlife Service
FY	fiscal year
GAO	Government Accountability Office
GEPA	Guam Environmental Protection Agency
GHG	greenhouse gas
GSA	General Service Administration
HAP	hazardous air pollutant
HAR	Hawaii Administrative Rule
HB	House Bill
HCFC	hydrochlorofluorocarbon
HCWRM	Hawaii Commission on Water Resource Management
HDA	Hawaii Department of Agriculture
HDLNR	Hawaii Department of Land and Natural Resources
HDOH	Hawaii Department of Health
HFC	hydrofluorocarbon
HFE	hydrofluorinated ethers
INRMP	integrated natural resource management plan
ISEERB	Interservice Environmental Education Review Board
ITRC	Interstate Technology and Regulatory Council
JLUS	Joint Land Use Study
LBP	lead-based paint
LEED	Leadership in Energy and Environmental Design
LID	low-impact development
MACT	maximum achievable control technology
MADL	maximum allowable dose level
MCL	maximum contaminant level
MCLG	maximum contaminant level goal
MERIT	Materials of Evolving Regulatory Interest Team
MOU	memorandum of understanding
MPA	marine protected area
MS4	municipal separate storm sewer system
MSGP	multi-sector general permit
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NCSL	National Conference of State Legislatures
NAC	Nevada Administrative Code
NDEP	Nevada Division of Environmental Protection
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NF ₃	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NIST	National Institute of Standards and Technology
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRC	Nuclear Regulatory Commission
NSEC	Nevada State Environmental Commission
NSPS	New Source Performance Standard

NSR	New Source Review
OIE	Office of Energy Initiatives
OMB	Office of Management and Budget
ORCR	Office of Resource Conservation and Recovery
ORW	outstanding resource water
P2	pollution prevention
PBDE	polybrominated diphenyl ethers
PFC	perfluorocarbons
PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonic acid
PM	particulate matter
PM2.5	particulate matter 2.5 microns in diameter or less
PM10	particulate matter 10 microns in diameter or less
POP	persistent organic pollutant
ppb	parts per billion
PSD	Prevention of Significant Deterioration
PWS	public water system
RACT	reasonably available control technology
RCRA	Resource Conservation and Recovery Act
RoC	Report on Carcinogens
RoHS	European Union's Restriction of Hazardous Substances
RRP	Renovation, Repair, and Painting
SERDP	Strategic Environmental Research and Development Program
SIP	state implementation plan
SNAP	significant new alternatives policy
SNUR	significant new use rule
SO ₂	sulfur dioxide
SOx	sulfur oxides
SPCC	spill prevention, control, and countermeasures
TMDL	total maximum daily load
tpy	tons per year
TRI	Toxics Release Inventory
TSCA	Toxic Substance Control Act
UFC	Unified Facilities Criteria
ug/m ³	micrograms per cubic meter
U.S.	United States
USACE	United States Army Corps of Engineers
USAEC	United States Army Environmental Command
USGS	United States Geological Survey
UST	underground storage tank
USTCA	Underground Storage Tank Compliance Act
VOC	volatile organic compound
WCI	Western Climate Initiative
WGA	Western Governors' Association
WRAP	Western Regional Air Partnership

The Army Regional Environmental and Energy Offices' close cooperation between the military and regional policymakers helps to resolve issues *before* they become laws and regulations. The REEOs monitor proposed state environmental and energy laws and regulations for impacts to installation missions. When legislation or a regulation important to the Army or DoD is being developed, REEOs work with the other military Services to offer language to support or oppose the issue.

To comment on an item in the *Western Review*, please contact the Regional Environmental Coordinator listed at the top of page 2 and/or in the [Staff Directory](#).

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